Taunton gazette 4/19/04

A toxic legacy leaves Norton demanding

Waste not



By MIKE STUCKA Gazette Staff Writer

NORTON — Ghosts of Norton's past lie just under the surface of the Attleboro/Norton line. A mix of uranium, PCBs, VOCs and other hazardous chemicals are again bringing controversy decades into the planning of a clean-up.

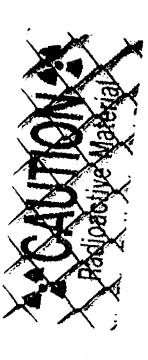
The Shpack Site on Union Road still holds thousands of cubic yards of radioactive scrap, debris from a chemical plant fire and whatever else that a landfill operator put in his back 10 acres. State and federal agencies are supporting a plan to clean up uranium, PCBs and dioxin by digging it up and taking it out of the state.

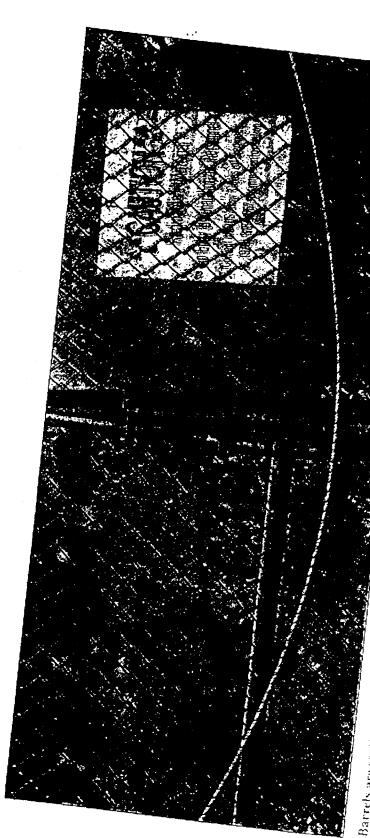
City residents are angry because concentrations of heavy metals, volatile organic compounds and other pollutants would be bulldozed, piled and capped to remain near wetlands and Chartley Pond.

"We have [an] obligation to future generations to make certain that type of materials are not in the ground," said Robert Kimball, chairman of Norton's Board of Selectmen, The U.S. Environmental Protection Agency is accepting comments through Aug. 25 on the proposal, and will hold a hearing Aug. 4.

The difference between what the Environmental Protection Agency supports and some city residents want is stark: The site has a price tag estimated at \$28.1 million for the EPA's proposal, half of the \$55.6 million for the town-supported plan.

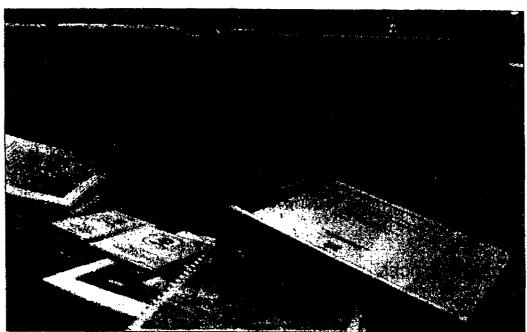
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Barrels are scattered through brush just inside the Shpack Superfund site entrance, above at left. The site, created five decades ago by "just a gny with a bulldozer," has been under study for more than two decades,

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Gazette photo by MIKE STUCKA

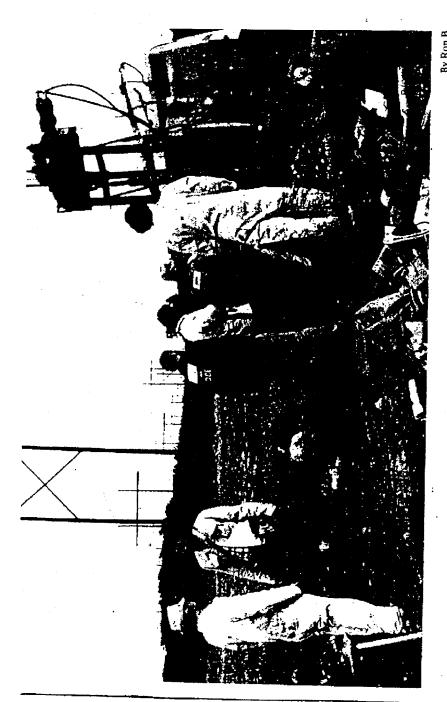
Documents on the Shpack Superfund site are as old as 1981 and as recent as several weeks. The documents could fill up nearly two shelves and several CDs; another shelf-load is expected.

F.S. Phones Zing after Dump Ad

By John Watson and Alex Kuzma

In the last edition of the Citizen Advocate, Fair Share researchers issued an appeal to readers for information leading to potentially hazardous dump sites in local communities. Because the Department of Environmental Quality Engineering's (DEQE) refused to release data on suspecred toxic dumps in various communities, Fair Share was forced to rely on ordinary citizens to report sites that could pose a serious threat to town drinking supplies and the public health in general. The following is a report on response to the Fair Share "Hunt the Dumip". Appeal.

Concerned citizens from Haverhill, Gardner, Attleboro, Tewksbury, Milford, and other towns responsed to the Fair Share appeal with phone calls, letters, and even photographs documenting widespread anxiety over potentially dangerous and illegal activity on the part of chemical companies and trucking firms.



DRILLING FOR HAZARDS: State and federal investigators drill for core sample of dump site near Norton/Attleboro town line.

In one case, Mr. Ron Baptista of Attleboro. Mass., forward disturbing photos of state DEQE officials and federal investigators at a drill site in Norton, where hazardous (possibly radioactive) wastes had been found. The federal inspectors were dressed in work suits bearing the insignias of the U.S. Atomic Energy Cormission, and Oak Ridge National Laboratories of Erwin, Tennessee. The presence of AEC and Oak Ridge personnel might indicate that nuclear materials were suspected to be stored in Norton.

The Citizen Advocate

HEATHER A. GRAF, COORDINATOR

CAST

CITIZENS ADVISORY SHPACK TEAM

229 N. Worcester St.

Norton, MA 02766

FAX (508) 226 - 2835

Phone (508) 226 - 0898

SHP rek

FAX

TO: Dave dec	erer		
MEPA			
FAX: 617-918	-0325	PAGES 9	wkower
PHONE:		DATE: 8	25 04
RE: SHPACK TOXIC WAS NORTON/ATTLEBORO, M		D SITE	
Urgent	For Review		O Please Reply

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That's a wrap!



Heather A. Graf

August 25, 2004 Heather A. Graf, Citizens Activist 229 N. Worcester St. Norton, MA 02766 Ph. (508) 226 – 0898 FAX (508) 226 – 2835

Dave Lederer US EPA One Congress St., Suite 1100 (HBO) Boston, MA 02114

Comments On EPA's Proposed Plan For The Shpack Superfund Site -

Personal -

My husband & I have lived in Norton for 30 years. Our home is a little over two miles from the Shpack Site, so the term NIMBY is not applicable.

Town of Norton's Resolve -

Cleanup of this site is not a neighborhood issue. This toxic waste dump is a menace that has plagued the Town of Norton for 26 years, since radioactive waste was discovered there in 1978.

Residents of the town are united and steadfast in their opposition to the Environmental Protection Agency's "Preferred Alternative, SC-2b", and adamant in demanding the SC-3b Alternative be selected in EPA's Record of Decision (ROD), for cleanup of the Shpack Superfund Site.

Be assured, as was stated at EPA's Public Hearing on August 4, 2004 - when Robert Kimball (Chairman of the Norton Board of Selectmen) read the "Position Paper For The Town of Norton" - "Neither the EPA nor the PRP Group should underestimate Norton's resolve. We will exhaust all regulatory, political, and legal means possible to effect the SC-3b solution."

Political Support -

On the political level the Town of Norton has the support of Congressman Barney Frank, State Senator JoAnn Sprague, State Representatives Mike Coppola, Betty Poirier & Phil Travis (all of whom testified at the August 4, 2004 Public Hearing and submitted responses in writing as well).

Legal Aid -

To our advantage, the same attorney who has been on the Shpack case since the beginning, is still working for the firm which is under contract as Norton's Town Counsel.

H. Graf to D. Lederer

Page 2

War Chest -

The Town of Norton is adding funds to the Shpack Legal Account to create a war chest, should we be forced into a legal battle with the EPA, members of the PRP Group, or any other entity, which would try to deny the Town its right to the SC-3b Remedy of the Shpack Superfund Site.

We will also be prepared to engage any adversary in a dispute over the Town of Norton's responsibility to contribute funds for Phase II – the cleanup of the Shpack Site. The Town's resolve to effect the SC-3b Solution will not be compromised by threats from anyone - that if Norton insists upon the higher level of cleanup, the Town will be slapped with the burden of sharing the cost of that cleanup.

PRP List -

Contrary to testimony at the August 4, 2004 Public Hearing, by Attleboro's Health Agent, Jim Mooney – The Town of Norton did not ever dump materials/ waste at the Shpack Dump. Isadore Shpack would accept anything from anyone – in an attempt to fill his wetland property for use as an apple orchard (which by the way he never achieved, getting only so far as raising chickens!), and obviously some Norton residents took advantage of a neighborhood dump to get rid of their trash. That does not make the Town of Norton culpable, any more than the Town of Rehobeth, if some of its residents took unwanted materials to the Shpack Dump.

In June 1981, at the urging of the US Department Of Energy (DOE), the Town of Norton did purchase from Lea Shpack (widow of Isadore, who died February 1, 1979), the parcel of land in Norton. The \$8,000 for the transfer of the property was provided to the Town by Texas Instruments (TI) – the major contributor to contamination at the Shpack Site. Mrs. Shpack had wisely refused to lease the property to the Department of Energy, she insisted on selling (unloading) it. DOE convinced the Town that cleanup would be easier to accomplish if the site were publicly, rather than privately owned. Norton agreed to accept title to the property in the spirit of cooperation with the Department of Energy, to facilitate the remediation process. The agreement did include a clause that the Town was not responsible for the contamination of Shpack.

According to the Environmental Protection Agency's spokesman at the time, and reiterated by EPA's current Project Manager – Norton was on the PRP list because Superfund regulations require the owner of the property be named.

Residents of the Town of Norton have already endured far too much. The citizens of this community have paid dearly for a highly contaminated toxic waste site - a monster that they had no part in creating.

The "R" in PRP stands for "Responsible". The Town of Norton, while being perhaps the only member of the group acting "responsibly" (as in good conscience) clearly was not and is not - responsible for contamination of the Shpack Site.

Municipal Disputes -

According to Mr. Mooney, Attileboro (the only person at the Public Hearing to speak in favor of EPA's Preferred Alternative), the contamination on the 2 & ½ to 3- acre portion of the Shpack Superfund Site which lies in Attleboro - is not very contaminated.

H. Graf to D. Lederer

Page 3

Apparently the Attleboro Health Agent has not read reports by Cabrera Services (Consultant for the US Army Corps of Engineers). The part of the Shpack site in Attleboro, at the border with Attleboro Landfill Inc. (ALI) is highly contaminated. Also Mr. Mooney stated that the City of Attleboro does not care if the portion of Shpack within their city limits – gets cleaned up at all. Just covering it sounds fine, because Attleboro has no intention of using the land. I'm not sure who Mr. Mooney is speaking for here. Perhaps, with the Title of Health Agent, dealing with a new mayor and city councilors - who know little, if anything about Shpack, he has convinced some city officials to accept this ridiculous position.

While I understand EPA must consider comments from Mr. Mooney, the same as from the Norton Board of Health, and responses from Attleboro residents, the same as from those of us in Norton, keep in mind 6 of the 9 acres are in Norton. The majority of residents affected by Shpack are in Norton. The stigma of the Shpack Superfund Site has always been Norton's. The burden of protecting the community from the negative impacts of Shpack has been Norton's. When EPA considers "Community Acceptance"- it must be weighted to favor the Town of Norton.

Also in a discussion with Garth Patterson (Congressman Barney Frank's Office), we agreed that a Superfund Site must be treated equally, all together as one. You cannot draw a line in the sand (or swamp) at the Town/City Line.

Cleanup -

At least verbally, at a preview of the Environmental Protection Agency's Preferred Alternative, prior to the June 23,2004 Public Meeting, it was stated by a spokesperson for EPA that a reason for not going with a higher level of cleanup was – because there is migration from ALI into Shpack. So... If EPA has a barrel filled to the brim with contaminated material, it should not be emptied, because there will likely be some more bad stuff leaking into the barrel? Explain the logic in this.

Cleanup Cost -

It should be obvious that the Army Corps of Engineers will be doing the lion's share of the cleanup at Shpack. "The spot is riddled with red dots, like a bad case of the measles." (Red dots indicating radioactive waste). In professional terms — The radiological waste is heterogeneously spread over the site. Also, for most of the site — the materials are not separated between Rad. and Chemical/Heavy metals. It is all mixed up. When ACE excavates and disposes of (off site) all the radiological waste, they will be taking with them much of the contaminated soil that was supposed to be the responsibility of the EPA/PRP Group to clean up.

Also there will be little, if any, "Commingled Waste" for EPA/PRP Group to deal with. The estimates by ERM (consultant for the Shpack Steering Committee, AKA – PRP Group) of the amount of material that will be left for the PRPs to remove are exaggerated. And so are the estimated cost because it is figured as if the material is "Commingled Waste". Disposal fees are significantly higher for Commingled Waste.

H. Graf to D. Lederer

Page 4

Even if the Army Corps could take away only the radiological material, the fact is this agency of the US Government is assuming the responsibility of removing Tl's contaminants.

Water Main -

EPA's plan is to extend the town water main down Union Road to get the two houses closest to Shpack off well water, so the level of cleanup can be significantly reduced. The cost of this water main is minimal, compared with the \$70 million it saves between Norton's Preferred Alternative SC-3b (at approx. \$50 million) and the highest level of cleanup considered (at approx. \$116 million).

Representatives for the Town of Norton – Bob Kimball (CH. Norton BOS) and myself, at the preview of EPA's Propsed Plan in June 2004, agreed upon what we thought was a very reasonable position: Accept the water main, do not insist on a level of cleanup which included groundwater, compromise and settle for the \$50 million (middle of the road) alternative, which would dispose of all contaminated soil off site.

In hindsight, perhaps we should not have been so agreeable. By setting our sights and goal at a lower level, EPA thought they could get away with the SC-2b "Consolidate & Cap Plan". Be advised we will not be so naïve again.

We do see potential problems with the extension of the water main, that being in increased development along Union Road near the Shpack Site. While EPA has proposed "Institutional Controls" under their SC –2b plan, they cannot regulate development surrounding the site. And while the Town can change zoning, to perhaps Heavy Industrial, that would not decrease (in fact might increase) the number of individuals coming to the area. In any case, a zoning change can be reversed at Town Meeting by a simple 2/3 majority vote.

Contaminants at the Shpack Superfund Site -

According to a 3/20/80 article in the Norton patriot – "Health Inspector Joseph Grimaldi reported there are 200-300 barrels of PVC buried between two points on the site." Reportedly, the PVC is residue from the Thompson Chemical fire which destroyed the company in 1964. An abutter to the property – Louis Tetrcault claims that the PVC was poured on the site and later burned off.

According to a Sun Chronicle article 8/5/80 "While attention has been on the survey for "hot spots" at the Shpack property recently, (US Rep...Margaret) Heckler said she has been told by a US DOE official that any danger from radiation was "one millionth" the potential hazard from chemical wastes in the dumping areas."

We do know that chemicals have a greater capacity to migrate in groundwater.

H. Graf to D. Lederer

Page 5

Contaminants at Shpack See Attachment A

Other than some PCBs & Dioxin, which EPA proposes to remove from the site, and the radiological waste the ACE will take away, given this horror list of toxic substances, some known carcinogens - (Attachment A), does the EPA still maintain that their SC-2b (Consolidate & Cover) Plan will in fact provide an acceptable level of protection for human health and the environment?

EPA's Record of Community Involvement -

The first meeting with EPA, ACE, DEP officials and representatives of the Town of Norton was held December 20, 1999 (five days before Christmas). Could EPA - "The Lead Agency for the Cleanup of the Shpack Superfund Site" have chosen a more perfect time to ensure no one would give a damn about Shpack? Surprise, some of us did. Then there was the scheduling of the public meeting, to finally after 4 & \(\lambda \) years advise Norton residents of EPA's ill advised Plan - June 23, 2004 (days after school recessed for summer break). And the setting of the Public Hearing for August 4, 2004 (in a steamy school cafeteria) - to deflect interest by any other than the very most bardy souls. The public comment period from June 24 - August 25 couldn't be much worse. Does anyone, other than Heather Graf, not take at least one weeks vacation during that period? How many individuals are going to spend any time trying to review EPA's Shpack Plan, (such a tedious task) during the summer months? And even for the willing, the material is so voluminous, almost no one could do more than scan it. Even our expert Conservation Director - Jennifer Carlino, was hard pressed to respond to even the Feasibility Study. Forget about reviewing the 229 page text of the "Draft Baseline Ecological Risk Assessment", prepared by EPA's consultant – Metcalf & Eddy, dated June 14, 2004. In addition to the 229 page text there are Figures, Tables & 3 Appendices - the volume is 5 &1/4 inches thick!

As for the 3 discs provided with the box loads of written material – the table of contents on the discs is done in CODE.

The designations of alternatives: the EPA's favorite SC-2b and Norton's preferred plan SC-3b were so similar, as to be totally confusing when trying to separate the two. The power point presentation at the June 23, 2004 public meeting — with miniscule white letters on black boxes was pathetic. One needed a magnifying glass to read what was printed on the handouts. Try to copy - and use up an ink cartridge. Don't even think about FAXING! And the 12 page Proposed Plan handout was the most discombobulated of any paper I have ever reviewed.

Whether in their timing or presentations, the US Environmental Protection Agency has demonstrated an uncanny ability to make the process the least user friendly, the most difficult & frustrating, and I do believe this was intentional.

H. Graf to D. Lederer

Page 6 (Final)

At the introduction to the Public Hearing August 4, 2004, the EPA's Hearing Officer – Susan Studlien said the hearing was being conducted to receive testimony on <u>The Proposed REMEDY For the Shpack Superfund Site. The SC-2b Plan is not a REMEDY!</u>

If the US Environmental Protection Agency insists on the SC-2b Plan, it will be apparent that the name of your agency is an oxymoron.

+ Attachment A + Attachment B (not included in FAX)

Heather A. Graf



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Appendix A

CONTAMINANTS, SHPACK & ALI (ATTLEBORO LANDFILL INC.)

Nuclear Regulatory Commission / November 1978 SHPACK Principal Radioactive Compounds Above Natural Background Levels: Uranium - 234, Uranium - 235, Uranium - 238 Radium - 226

Department Of Environmental Quality Engineering / March 1980 SHPACK Elevated Levels Of Heavy Metals In Soil:
Lead, Arsenic, Chromium, Copper, Cadmium, Nickel, Zinc

Department Of Environmental Quality Engineering / November 1980 SHPACK Chemicals Detected in Groundwater Above EPA Maximum Contamination Level For Drinking Water:

1.2.- dichlorethylene, trichlorethylene, tetrachloroethylene

US Environmental Protection Agency / May 1982 SHPACK
Soil & Groundwater - Several Volatile Organic Priority Pollutants Detected

US EPA & Roy F. Weston Technical Assistance Team / August 1989 SHPACK
Presence Of Chemicals In Surface Water Samples At Concentrations Exceeding "EPA
Ambient Water Quality Criteria For Protection Of Human Health":
Vinyl chloride, benzene, 1.2.- dichlorethene, aroctor – 1248

US EPA & Weston / November 1989 SHPACK
Soil Samples Confirmed Presence Of:
Volatile Organic Compounds, Semi-volatile Organic Compounds, Polychlorinated
Biphenyls (PCBs)

DUMPED ON SITE SHPACK, 1946-1966:

Waste Oil, Degreasing Solvents, Iron, Cyanide, Heavy Metals, Precious Metal Refining Waste, Resins, Organics, Depleted Uranium, Vinyl Chloride

GHR ENGINEERS OF NEW BEDFORD / March 25, 1980 SHPACK & ATTLEBORO LANDFILL (ALI)

Samples Collected From 10 Observation Wells On ALI Property On Peckham St., Plus 2 Samples Of Contaminated Soil From Older Landfill Northeast Of Present Landfill (SHPACK):

15 Volatile Chemicals Were Detected In One Or MoreObservation Wells. "Eight Of The Volatile Organics: Vinyl chloride, Chloroform, 1.2 – Dichloroethylene, Methylene Chloride, Bromodichloromethane, Trichloroethylene, Benzene & Tetrachloroethylene Exceed Human Health Criteria."

"These Volatile Organic Compounds Are Considered To Be Potential Carcinogens If Consumed In Drinking Water, Fish Or Shellfish."

Appendix A 79.2

PAGE 2

GHR ENGINEERS / March 25, 1980 (Continued)

"If A Chemical Is Suspected Of Being A Human Carcinogen, There Is No Recognized Safe Concentration In Drinking Water Or Food Which Will Provide Absolute Protection Of Human Health Except Zero."

Superfund Records Center To Dave Lederer SITE: SHARE U.S. EPA One Congress St., Suite 1100 (HBO) Boston, MA 02114 OTHER: Deadline - Postmarked By Wednesday, August 25, 2004 FAX (617) 918 - 1291, No Later Than Wednesday, August 25, 2004 August 2004 I am writing to express my firm opposition to the EPA's proposed plan for the 'cleanup' of the Shpack Superfund Site. EPA's preferred alternative (SC-2b) is unacceptable for reasons too numerous to detail here. Most objectionable is the fact this option does not provide "permanence" and is therefore not a "remedy". It would leave the Town of Norton with a still contaminated site, and the responsibility & burdens of dealing with it, in the near and distant future.

EPA's chosen course of action, is reprehensible. If community acceptance, plays any role in the EPA's decision making process for the cleanup of Shpack, please give serious consideration to these comments, and select Alternative SC-3b, which will at long last, give residents of this community the peace of mind they deserve.

In the face of the promise the Environmental Protection Agency made to the town,

Print Name ESTELLE M. FIRTH

Address & Richardson Am

Norton, MA 02-766



To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
Boston, MA 02114
Deadline - Postmarked By Wednesday, August 25, 2004
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Signature
, v. c.
Print Name Ruth YouNGquist
Address 2 HAMPTON HEIGHTS
BUCKHAHNON W.V. 26201-8516
FORMER RESIDENT OF NORTON,

To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
Boston, MA 02114
Deadline - Postmarked By Wednesday, August 25, 2004
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Signature		
	,	
Print Name	ELIXABETH FOLK	
Address	13P OHK STREET	
	NORTON MA 02766	
•	en e	

To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
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Signature 7			
Print Name TRAJERICA	J. WATSON	/	
Address /L.R. Plain	T NORTON	ma.02766	

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Signature	
Print Name Ruth E. Goold	
Address 151 E. Main St.	
Norton, Ma. 027	140

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U.S. EPA
One Congress St., Suite 1100 (HBO)
Boston, MA 02114
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Signature	J
Print Name	Lydia J. FALES-TATED
Address	13 REASANT ST.
	NORDN, MA 02766

To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
Boston, MA 02114
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Print Name 18 Fin 3. To b
Address 567 Washington St.
Holliston 12/4 101746

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Print Nam	e Ko	CER .	DOGOSIA	
Address	29	KENS	1NG-70	N.RD
	N DR	TON	MA	02766

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To Dave Lederer
U.S. EPA
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	Norton, MA 02766	
Address	14 Alder Road	
Print Name	Elizabeth D. Seacord	
Signature		

To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
Boston, MA 02114
Deadline - Postmarked By Wednesday, August 25, 2004
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Signature /	
Print Name	THOMAS E. BURKE
Address 30	Eisenhower Drive
	RTON, MA. 02766

To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
Boston, MA 02114
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Signature	
Print Name	SUSAN Mims
Address	7/ LEONARD St.
	NORTON, MA. 02766

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Signature
Print Name LyDIA A LOVING
Address 405 Old Colony Rd
Norton ma 02766

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Signature	- War I was
Print Name	ELIZABETH S. DEXTER
	~ ~
Address	72 TRIMTOWN RD
	NO.5CITUATE, R.I 02857-1930

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U.S. EPA
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Signature		
Print Name	Stephet Webber	
Address	82 frose drive	
474	BRIDGEWATER, MA 02324	

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Signature 7	
,	
Print Name THERESA A. ROGERS	
Address 25 BATTLE ROW	·
E. TAUNTON, MA. 02751	

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Signature	
Print Name H	AROLD ROCEAS
Address Z	F BATTLE ROW
E. J	AUNTON, MA. 02718

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Signature A	<u></u>
Print Name	HENR, A. YELLE
Address	7 Taunton Aux, Boy 491
	norton, MA 02766

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Signature c	~
Print Name LORRAINE NORNELLAS	-
Address 3 Meadon Way	
- Morton Ma. 02766	

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Signature
Print Name Maria I. Weiss
Address 298 Maple St.
Franklin, MA 0038
tranklin, MIT (2038

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Signature 1
Print Name Lisa M. McWosh
Address 233 N. WONCESTET ST.
NORTON HA 02766

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Signature Z
Print Name MARIE T. LEE
Address 32 Old Farm Lone
atteboro Ma-02703

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Signature	\mathbb{Z}_{l}	- , ,		·
	(
Print Name	Marci	Mackey	1	
	,		,	
Address	303 Cou	inty St		
	_	,		
	4He box	Ma		

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Signature	
Print Name MILORED L. ANDREWS	
Address P.O. Box 597	
NORTON, MA 02766	

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Signature	
Print Name CHRISTIANE DEN	KEL.
Address 113 Maple Street	
Norton MA 0276	6
This has been going or	n for a long
time. let's de this	
jeb - and let's do i	
live near the land fil	
Louis Concerned	e . T.

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Signature	
Print Name Deborah A. Salley	-
Address 234 N. Warcester St.	
NO/HA MA 02764	

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Signature ,
Print Name Kristina Salley
Address 234 n. uprcester J.
norton, MA 02766

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Signature G
Print Name Karloch Salley
Address 234 No Morcester St.
Morton Ma 02766

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Signature	
Print Name Kimberly Salley	
Address 234 No. Worce Sterst.	
Norton, MA 00766	

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Signature	
/ V	
Print Name Holly	Instasi
Address 147	Burt st
Norton	Ma 0276C

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	, (·) /			
Signature (_ \			
	lit -		A-1	
Print Name	139-46	Sent	27/-1	Yorkon, MA.
				,
Address	(D) (66			

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Signature (
Print Name ESTHER JARUGA
Address 100 Wolfe Rd
ORTOWILLE MI 48462
all Contaminated sites, need cleaning up But the
med cleaning up to mination
Lowell of "classup"
Should be an ongoing factions
This applied to the Senow Jon't
Waste Collaboration Allegate Guerra

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Signature		
	•	
Print Name	Christine willout	
Address	45 maple ST	
	WUTON MA 02766	

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Signature J. W. W.	
Print Name John J. WillCutt	
Address 45 MAPLE ST	
Norton MA 02766	

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Signature	<u> </u>	7/		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			····
		<i>V</i> .		001	rt =	· · · · ·	
Print Name	WILL	IAM	<u> 1. C</u>	ROU	ILey	JR	<u>. </u>
Address	151	HOL	LDEI	V	SV.		
	ATT	LeBe	oro,	MI	453	027	03

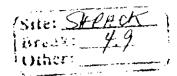
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Signature
Print Name (11 togia May
)
Address 450 maple SC. Nonton, 02704



... To Dave Lederer U.S. EPA One Congress St., Suite 1100 (HBO) Boston, MA 02114 Deadline - Postmarked By Wednesday, August 25, 2004 FAX (617) 918 - 1291, No Later Than Wednesday, August 25, 2004

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If community acceptance, plays any role in the EPA's decision making process for the cleanup of Shpack, please give serious consideration to these comments, and select Alternative SC-3b, which will at long last, give residents of this community the peace of mind they deserve.

Signature Print Name

To Dave Lederer
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Signature	() 47 ()
Print Name	Dorothy Lee Desmarais
Address	136 Tauriton Avenue
	Norton, MA 02766

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U.S. EPA
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Signature (/)
Print Name Haren and Bryan O'Pourles
Address 33 Goldenie on Drive
Norton, MA 00766

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Signature _	
Print Name VIVI AW LAmbrecht	
Address 161 UILLAGE CT	
ORTONVILLE m. 4946	2_

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Signature of the state of the s
Print Name Janette H. Franke
Address 7617 - 30th A.Je.
Kenosha WI 53142

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Signature	· //·
Print Name	Steven J. Paille
Address	73 Cross St.
	Norton, MA 02766

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FAX (617) 918 - 1291, No Later Than Wednesday, August 25, 2004

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Signature		7	
Print Nam	w Jw	ayre	Hancock
Address	153	North	Workster Street
_	r ton	ma	

To Dave Lederer
U.S. EPA
One Congress St., Suite 1100 (HBO)
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Signature
Print Name Toel Thomson
Address /3 Pletcher Way
Norten MA 02766
100/00/11/11/10/166

To Dave Lederer
U.S. EPA
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$\mathcal{A}^{''}$					
Signature 1	V				
Print Mame	SUSAN	J. WE	LD/N	6	
Address 3/	' Bucha	rdson (lae		
71	arton	Mac	0276	6	

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Signature	<u>C</u>					
Print Name	PAT	RICIA	1 A.	C_{α}	LIFFOR	
Address	58	COL	3B	57		
	Non	TON	Mi	A	02766	;

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Signature			0
Print Name	JANET-1	MARIE C)KEEFFE
Address	58 Col	3B S	-
	NORTON	MA	02766

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Signature	7		UV	_		
Print Name	· Mo	LL1E	L.	0%	eeff	~
Address	58	Cobs	B ,	<i>S</i> 7	-	<u></u>
	NORT	TON,	MA]	027	66

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Signature
Print Name DENIS M. O'KEEFFE
Address 58 COBB ST.
NORTON 1/4 02766

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U.S. EPA
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Signature	(
Print Nam	e WAL	TER	ZUSC	CHLAL	
Address	220	PIKE	AVE	AHLEBON	

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Signature				7		
Print Nan	ne N/C	OLINA			6	
Address	220	Pike A	ve	AHER	ow M	a 0275

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Signature 1
Print Name Kellie Rol
Address 94 Maple St
Nortan, MA 02766

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U.S. EPA
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Signature		
Print Name	Sheila Gray	
Address	96 Maple St	
	Norton MA 02766	

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U.S. EPA
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Signature
Print Name Dorothy Rateliffe
Address 206 THUNTON AIRE
Norton Ma 02766

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Signature	
Print Nam	Albert O RATelifie
Address	266 TAUNTON AVE
	Norton MA 02760

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Signature	- W				
		1.			
	1		7 1 'C'		
Print Name	Dc	i Kn	Rarcliffe		
Address	206	012	Taunton	Ave	
	Naction	n-	02766		

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U.S. EPA
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Signature
Print Name POLL W MATCHESE
THE TABLE TO STATE OF THE STATE
Address 206 Old Taunton Ave
Norton, MASS

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Signature	
Print Name	CAROLE A. LEES
Address	1 BAY ROAD
	NORTON MA 02766

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Signature	
Print Name	EDWARD M. HALLAHAN
Address	118 SOUTH WORCESTER ST.
	NORTON, MA 02766

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Signature	£	-
Print Name	Teresa L. Treci	
	107 maple St	
Address	Norton, MA 02766	

Appendix A: State Concurrence Lett	ter	



COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS DEPARTMENT OF ENVIRONMENTAL PROTECTION

ONE WINTER STREET, BOSTON, MA 02108 617-292-5500

MITT ROMNEY Governor

KERRY HEALEY
Lieutenant Governor

ELLEN ROY HERZFELDER Secretary

ROBERT W. GOLLEDGE, Jr. Commissioner

September 29, 2004

Ms. Susan Studlien, Director Office of Site Remediation and Restoration U.S. EPA One Congress St., Suite 1100 Boston, MA 02114-2023

Re: State Concurrence Letter

Shpack Superfund Site, Norton/Attleboro

Dear Ms. Studlien:

The Massachusetts Department of Environmental Protection (DEP) has reviewed the remedial action alternative ("Option 3b") selected by EPA for the remediation of the Shpack Superfund Site in Norton and Attleboro, Massachusetts. Based upon an evaluation of available information and data, as well as public comments received in this matter, DEP concurs with the selected remedy for this site.

DEP has evaluated the EPA's selected remedy for consistency with applicable, relevant and appropriate state requirements. The selected remedy addresses a continuing source of contamination to surface water, sediment, and to the private drinking water supplies of nearby residents, and includes the following components:

- 1) Excavation and off-site disposal of all wastes and contaminated media exceeding site cleanup goals,
- 2) Backfilling to the original grade,
- 3) Restoration of impacted wetland resources,
- 4) Extension of a waterline to replace private water supplies,
- 5) Implementation of land use restrictions, and
- 6) Long term monitoring

DEP believes that the selected remedy for this site will be protective of human health and the environment. Once the remedial actions are implemented at the site and the private water supplies are eliminated, groundwater at and in the vicinity of the site would no longer be considered a current or future drinking water source (GW-1 Classification) under the

This information is available in alternate format. Call Donald M. Gomes, ADA Coordinator at 617-556-1957. TDD Service - 1-800-298-2207.

Page 2 DEP Concurrence Letter September 29, 2004

Massachusetts Contingency Plan. At that point, DEP will revise the Groundwater Use and Value determination to reflect a low use and value, provided that the wells are decommissioned and controls placed on the future use of groundwater at these properties.

The Department looks forwarded to working with you on implementing the preferred alternative. If you have any questions, please contact David Buckley at 617-556-1184.

Sincerely,

Robert W. Golledge, Jr. V Commissioner

cc: Dave Buckley, DEP

e-file: Shpack ROD Concurrence LETTER 040924

Appendix B:

ARAR's Tables

To be Considered Addresses the use of the soil and structure clean-up criteria in 10 CHR 40, Appendix A, I, Criterion 6(6) with setting remediation goals at CHRCLA sites with radioactive To be Considered This USACE Radiation Protection Manual table sets acceptable surface contamination levels for U-nat, U-235, U-238 and associated decay products for release of equipment To be Considered Addresses use of soil clean-up criteria in 40 CFR 192 in setting remediation levels for subsurface soil at CFR/1. A sites with radioactive contamination. Establishes concentration limits for clean-up of Ra-226, Ra-228 and thorium in soil. To be considered. Some primiting and States criterial advisories or guidance do not have ARAR status, however, they may be considered in determining channip levels protective of public health or the virolitinament. To be Considered The Sediment Quality Guidelines present scientific data and guidance on the anyicommental effects of poliutants. The criteria can contribute to establishing Establishes benchmark approach for setting clean-up levels for radionuclides. and non-environmental materials (e.g., old kitchen appliances). requirements that govern impacts to sediment quality. Establishes standards for radiation related activities. contamination. Applicable - Address's a hazardous substance, politicant, contaminant, temedial action, freation or other circumstance found at the site. Relevant and Appropriate . Not directly applicable to the site, but addresses situations similar enough to be relevant and appropriate Relevant and Relevant and Relevant and Appropriate Appropriate Appropriate

and Thorium Mill Tailings (40 CFR Part 192)
Use of Soil Clean-up Criecta in 40 CFR Part 192 as Remediation
Coals for CHKCLA Sites, Directive No. 9200.4-25, February 12,

Health and Environmental Protection Standards for Uranium

Criterion 6(6))

Domestic Licensing of Source Material (10 CFR 40, Appendix A.

Site Using the Benchmark Dose Clean-Up Criteria in 10 CFR 40, Appendix A, 1, Criterion 6(6), 19revitve No. 9200-4-35P, April

Ontario Ministry of the linvironment Sediment Quality

Cuidelines 1, 2000.

Sydiment

£

Will be met through excavation and effecte disposal of radiological and chemical waste

Remediation Goals for Radioactively-Contaminated CERCLA

806

×

Meet or Attain ARAR

Synopsis of Requirements

Status

Massachusetts Regulations for Control of Radiation (105 CMR

STATE RECULATORY REQUIREMENTS

Department of the Army, USACE EM-385-1-80, Table 6-4

Croundwater 120)
FEDERAL REGULATORY REQUIREMENTS

Environmental

Nou

Materials

ŝ

Alternative SC-3B - Excavation/Off-Site Disposal (Adjacent Resident Without Groundwater Consumption)

Potential Chemicul-Specific ARARs

Norton/Attleboro, Massachusetts Shpack Landfill Superfund Site

Requirements

Medium

* * *

*

*

Alternative SC-3B - Excavation/Off-Site Disposal (Adjacent Resident Without Groundwater Consumption)
Potential Location-Specific ARARs

Potential Location-Specific ARARs Shpack Landfill Superfund Site Norton/Attleboro, Massachusetts

				Meet or Attain
Medium	Requirements	Status	Synopsis of Requirements	ARAR
STATE REGULA	STATE REGULATORY REQUIREMENTS			
Weiland	Massachusetts Wetlands Protection Act Regulations (310 CMR	Applicable	These regulations are promulgated under Wetlands Protection Laws, which regulate	
Sediment	10,00)		dredging, filling altering or polluting inland wetlands. This requirement regulates	***
			work within the wetlands buffer zone, and defines wetlands based on vegetation type	
			and minganon requirements.	
	401 Water Quality Certification for Discharge of Dredged or Fill Material (314 CMR 9 (x))	Applicable	ARAR If discharge of dredged or fill material occurs.	* *
	Massachusetts Endangered Species Act (321 CMR 10,00)	Applicable	Requires that site activities be conducted in a manner that nunlmizes impact to	
	•		Massachusetts-listed rare, threatened, or endangered species, and species listed by the	* *
			Massachusetts Natural Heritage Program.	
FEDERAL RECL	FEDERAL RECULATORY REQUIREMENTS			
Wetland	Federal Executive (Order on Protection of Wetlands (E.O. 11990),	Applicable	Requires federal agencies to avoid impacts assectated with the destruction or loss of	+
Sediment	40 CFR Part 6, Appendix A)		wetlands, minimize potential harm, preserve and enhance wetlands, and avoid support	ĸ
			of new construction in wetlands if a practicable alternative exists.	
	Federal Fish and Wildlife Coordination Act (16 USC 661 et. seq.,	Applicable	Establishes requirements for a consultation with U.S. Fish and Wildlife Service and state	1
	40 CFR Part 6)		wildlife agencies to mitigate losses of fish and wildlife that result from modification of a	K K K
			water bouly.	
	Federal Clean Water Act (33 USC 1344), US Army Corps of	Applicable	Under this requirement, no activity that adversely affects a welland shall be permitted if	
	Engineers Nationwide Permit Program (33 CFR Part 330),		a practicable alternative that has less effect is available. The requirements also describe	*
	Federal Guidelines for Specification of Disposal Sites" (40 CFR		actions to minimize adverse impacts. Establishes regulations for filling and dredging	
	Part 230), Clean Water Act Sections 401 and 404 (33 CFR 26)		within wetlands.	
	Pindangered Species Act (50 CFR Parts 17.11-12)	Applicable	Requires site action be conducted in a manner that avoids harming threatened or	*
			endangered species or their habitat.	
	The state of the s			

Applicable - Addresses a hazardaux substances pollutant, contaminant, remedial action, lecation or other circumstance found at the sur-

Referention Appropriate - Not directly applicable to the site, but addresses autodons similar enough to be referant and appropriate

To be considered. Note grant preteal or State where a decourse or guidance do not have ARAR status, nowever, they may be considered in determining cleaning levels protective of protective of protective or produce in the constitution of

+ Because high books of contamination versa in worlands area, there is no practical attendance to excavating weedands areas. Actions well be taken to minimize impacts to the movinium extent practical.

* Should threatened, protected or endangered species for ew numered, the requirements of these regulations will be med.

*** Sexagor exception is expired in the wedands/bailer zone, all substantive respirements of these regulations will be med

*** Should this alternative exquire modification of a water body, this consultation requirement will be conducted

Alternative 5C-3B • Excavation/Off-Site Disposal (Adjacent Resident Without Groundwater Consumption)

Potential Action-Specific ARARs Shpack Landfill Superfund Site Norton/Attleboro, Massachusetts

CONTRACTION.	VOLUNA I I FEOUTO, INTUSSACIANS			
Medium	Requirements	Status	Synopsis of Requirements	Meet or Attain ARAR
STATE REGULA	STATE RECULATORY REOUIREMENTS			
Air	Massachusetts DEP Air Pollution Control Regulations (310	Applicable	These regulations set requirements for fugitive emissions, dust, and particulates.	·k
Non- Environmental	it of the Army, USACE EM-385-1-80, Table 6-4	o be Considered	To be Considered This USACE Radiation Protection Manual table sets acceptable surface contamination levels for U-nat, U-235, U-238 and assectiated decay products for release of equipment and materials (e.g., old kitchen appliances).	+
Soil	Domestic Licensing of Source Material (10 CFR 40, Appendix A,	Relevant and	listablishes benchmark approach for setting clean-up levels for radionuclides.	+
	Health and Environmental Protection Standards for Uranium And Trainm Mil Tailines (48) TR Part 192)	Relevant and	listablishes concentration limits for clean-up of Ra-226, Ra-228 and thorium in soil.	+
	Use of Soil Clean-up Criteria in 40 CFR Fart 192 as Remediation TI Goals for CERCLA Sites, Directive No. 9200.4-25, February 12, 1988	o be Considered	Part 192 as Remediation To be Considered Addresses use of soil clean-up criteria in 40 CFR 192 in setting remediation levels for 1200.4-25, February 12,	-1
	ediation Goals for Radioactively-Contaminated ClfRCLA Jsing the Benchmark Dose Clean-Up Criteria in 10 CFR 40, endix A, J, Criterion 6(n), Directive No. 92004-35P, April XXI.	o be Considered	To be Considered Addresses the use of the soil and structure clean-up criteria in 10 CFR 40. Appendix A, I, Criterion 6(6) with setting remediation goals at CFRCLA sites with radioactive contamination.	+
	Massachusetts 13E7 Hazardous Waste Regulations (310 CMR 30.000)	Relevant and Appropriate	These regulations describe the requirements for treatment, storage, and disposal of hazardous waste.	*
Water	Massachusetts Surface Water Quality Standards (314 CMR 4.00)	Applicable	Falablishes criteria to be met if dewatering activities require surface water discharge	1-
 	Certification of Operators of Wastewater Treatment Facilities (255 CMR 2.0)	Applicable	Addresses certification of wastewater treatment operators to be met if dewatering activities require water treatment	+-
	Operation and Maintenance and Pretreatment Standards for Wastewater Treatment Works and Indirect Discharges (314 CMR 1200)	Applicable	Addresses operations and maintenance and pretreatment standards for wastowator ucaunent to be met if dewatering activities require water treatment	+-

Appurable - Addresses a hazardous substance, politiant, contaminant remedial action, lexation or edier dieumstance feund at the site. Rolevant and Appropriate - Not diens ity applicable to the site, but addresses subations similar eneugh to be relevant and appropriate

To be considered. Non-promulgated Federal or Static, thirms, advisoring or guidance do have ARAR status; basevers, they may be considered in determining security principle of public health are the investments.

* Excavation artivities will be conducted to meet the requirements of these regulations

* substantive landfill closure requirements that address clean closure will be met be this alternative

Usecontous, deviamenty, and offere disposal will be conducted in accordance with these requirements

Page 4 of 5

Alternative SC-3B - Excavation/Off-Site Disposal (Adjacent Resident Without Groundwater Consumption)

Potential Action-Specific ARARs Shpack Landfill Superfund Site

Northul/Attichoro Massachusetts

Nortonyattiel	Norton Allegoro, massarmas			Meet or Attain
Medium	Requirements	Status	Synopsis of Requirements	ARAR
FEDERAL RECU	FEDERAL REGULATORY REQUIREMENTS		Subjection by the action of the second of th	1
Air	National Emission Standards for Hazardous Air Pollutants	Relevant and Appropriate	Rejevant and Regulates air emissivits of V.V.S and ranking and Appropriate	k K
	(NESTIAL'S) and Clean Air Act (40 CTN 91, June 1915)	1 11		
1:5	Federal RCRA Subtitle G. (40 CFR Part 264 Subpart G - Closure	Relevant and	Relevant and listablishes performance standards for the ore of managed and listablishes	*
<u>;</u>	and Post Closure, Sections 264.111, 264.114, and 264.117) Clean	Appropriate	Appropriate facilities, and groundwater monitoring.	
	Closure Requirements 40 CFR 264.258		donated the property of the second se	+
Water	Clean Water Act (Section 402; NPDES)	Applicable	Establishes criteria to be met it dewatering activities require serior.	-
	CASE A CHEST ASSESSMENT	Undergraph and	Lighters AVCX are health-based criteria which have been developed for certain	*
Groundwater	Federal Ambient Water Quality Criteria (AWCL) (CWA 202)	Activolit alla	and proposed proposed in compounds.	
		Applicable	cartingent and compliance mint for determining the need	*
	Federal RCRA Subtitle C Regulations, 40 CFR Part 264 Subpart	Relevant and	Relevant and Ciroundwater monitoring requirements and configuration points and	ť
	Fir. Ruleases from Solid Waste Management Units, Sections	Appropriate	Appropriate for additional monttoring and corrective action.	*
·	264.95, 264.96(a) and (c), 264.97, 264.98 and 264.99)			
-				

Applicable - Addresses a hazardous substance, politionic, consaminant, remedial action, location or other circumstance found at the site

Relevant and Appropriate - Not directly applicable to the site, but addresses situations similar enough to be relevant and appropriate.

To be considered - Non-prunnigaind Frdetal of State criteria, advisones of guidance do not have ARAR status; however, they may be considered in determining i foatup levels probective of public health of the environment.

• Substantive landfull closure requirements that address clean closure will be met by this alternative.

■ These criteria will be used to determine if other addivities minimize the conditibution of contaminants from the site in surface water.

** Excavation activities will be conducted to meet the requirements of these regulations.

f Dewahrring will be conducted in accordance with these requirements

Alternative SC-3B • Excavation/Off-Site Disposal (Adjacent Resident Wilhout Groundwater Consumption)
Potential Radiological-Specific ARARs
Shpack Landfill Superfund Site

Norton/Attleboro, Massachusetts

Medium	Requirements	Status	Synopsis of Requirements
STATE REGULA	STATE REGULATORY REQUIREMENTS		
Soil/	Massachusetts Regulations for Control of Radiation (105 CMR	Relevant and	Relevant and Establishes standards for radiation related activities.
Groundwaler	(120)	Appropriate	
FEDERAL REGU	EDERAL RECULATORY REQUIREMENTS		
Air	National Emission Standards for Hazardous Air Pollutants	Refevant and	Provides guidance on air emissions of radionaclides during cleanun of Federal Facilities
	(NESHAPs) and Clean Air Act (40 CFR 61, Subparts 11 and 1)	Appropriate	and licensed NRC facilities with radioactive contamination.
Groundwater	Ore Mining and Dressing Point Source Category (40 CFR 440,	Relevant and	Regulates offluent limits from facilities that extract/process uranium, radium and
	Subpart C)	Appropriate	vanadium ores. May be applicable to discharges of radioactive waste to surface waters.
	Federal Water Quality Criteria (FWCX) and State Water Quality	To be considered	Criteria (FWCX) and State Water (Mality) To be considered FWCX are criteria/standards for the protection of aguatic life and/or human health
	Standards (Water Quality Criteria, Report of the National		
	Technical Advisory Committee to the Secretary of the Interior,		
	April 1, 1986)		
	Health and Environmental Protection for Uranium and	Relevant and	Standards have been developed under the Uranjum Mill Tailings Radiation Congret Act
	Thorium Tailings (40 CFR 192, Subpart A, Table 1)	Appropriate	(UMTRCA) for sites that are exempt from CERCLA for radium/thorium in soil.
	Federal Safe Drinking Water Act - Maximum Contaminant	Applicable, if non-	Applicable, if non-MCLs have been promulgated for a number of radiological constituents. These levels
	idiological Constituents (40 CFR 141	2810	regulate the concentration of contaminants in public drinking water supplies, but may
	Subparts B, G and I)		also be considered appropriate for groundwater aquifers potentially used for drinking
			water
Soil	Health and Environmental Protection for Uranium and	Relevant and	Standards have been developed under the Uranium Mill Tailings Radiation Control Act
	Thorium Tailings (40 CFR 192.12, 192.32, 192.41)	Appropriate	(UMTRCA) for sites that are exempt from CERCLA for radium/thorium in soil.
	Licensing Requirements for Land Disposal of Radinactive Waste	Relevant and	Provides performance objectives for licensed disposal sites containing low level
	(10 CFR 61.41)	Appropriate	radioactive waste if the waste will be left permanently on site.

Applicable - Addresses a hazardous substance, pollutant, contaminant, comedial action, lecation of other circumstance found at the ate-

kelevant and Appropriate. Not directly applicable to the site, but address situations similar enough to be tobecant and appropriate.

To be considered. Non-gromalifiated Federal of State criteria, advisories of guidance do flave ARAR status, however, they may be considered in determining cleamp heavy protective of public health or the environment. Sees between, as nors, and treatism-specific ARAR tables for a discussion of how the radiobogical-specific ARARs are addressed, it in all, by this afternative

1. SITE ASSESSMENT

1. FORM: NATIONAL PRIORITIES LIST CHECKLIST OF DATA REQUIREMENTS

AUTHOR: DAVID K COOK, ECOLOGY & ENVIRONMENT INC.

DOC ID: 209593 2 PAGES

2. REPORT: A BACKGROUND REPORT FOR THE FORMERLY UTILIZED MANHATTAN ENGINEER DISTRICT/ATOMIC ENERGY COMMISSION SITES PROGRAM [COVER PAGE AND PAGES 67-74 ONLY]

AUTHOR: US DEPT OF ENERGY

DOC ID: 205017

09/01/1980

10 PAGES

3. FORM: POTENTIAL HAZARDOUS WASTE SITE INVESTIGATION AND PRELIMINARY ASSESSMENT

AUTHOR: DAVID K COOK, ECOLOGY & ENVIRONMENT INC

DOC ID: 205019

04/09/1982

4 PAGES

4. MEMO: POTENTIAL HAZARDOUS WASTE SITE INVESTIGATION AND PRELIMINARY ASSESSMENT AND NATIONAL PRIORITIES CHECKLIST

JOHN F HACKLER, US EPA REGION 1

AUTHOR: DAVID K COOK, ECOLOGY & ENVIRONMENT INC

DOC ID: 205018

04/20/1982

7 PAGES

5. REPORT: CHEMICAL CONTAMINATION AT THE SHPACK LANDFILL. NORTON / ATTLEBORO, MASSACHUSETTS

AUTHOR: DAVID K COOK, ECOLOGY & ENVIRONMENT INC

DOC ID: 209596

12/06/1982

235 PAGES

MEMO: TRIP REPORT OF INVENTORY OF SURFACE DEBRIS

AUTHOR: GREGORY A ROSCOE, NUS/TETRA TECH INC

DOC ID: 209595

09/25/1984 4 PAGES

7. REPORT: FINAL SITE RESPONSE ASSESSMENT REPORT (SRA), SHPACK / ATTLEBORO LANDFILL INCORPORATED, NORTON / ATTLEBORO, MASSACHUSETTS

TO: US EPA REGION I

AUTHOR: GREGORY A ROSCOE, NUS/TETRA TECH INC

DOC ID: 209594

11/21/1985 143 PAGES

2. REMOVAL RESPONSE

1. REPORT: REPORT NO. 78-154-A, RADIOACTIVE MATERIAL IN UNCONTROLLED LOCATION, NORTON, MA

AUTHOR: J W DEVLIN, US NUCLEAR REGULATORY COMMISSION

DOC ID: 201267

03/13/1979

1 PAGE

2. LETTER: TRANSMITTAL OF REGION 1 INVESTIGATION REPORT NO. 78-154-A TO: GERALD PARKER S. MA DEPT OF PUBLIC HEALTH

AUTHOR: GEORGE SMITH, US NUCLEAR REGULATORY COMMISSION

DOC ID: 201268

06/26/1979

64 PAGES

3. REPORT: ADDITIONAL DEPARTMENT OF ENERGY (DOE) SURVEYS AND ANALYSIS - SHPACK / ATTLEBORO FUSRAP SITE

BARBARA IKALAINEN, US EPA REGION I

AUTHOR: JAMES K ALEXANDER, US DEPT OF ENERGY

DOC ID: 209597

04/14/1982

24 PAGES

4. REPORT: RADIOLOGICAL SURVEY OF THE FORMER SHPACK LANDFILL, WITH. TRANSMITTAL

TO: US DEPT OF ENERGY

AUTHOR: BECHTEL NATIONAL INC

DOC ID: 201269

03/01/1984 164 PAGES

5. REPORT: ANALYTICAL DATA PACKAGE, VOLUME 1 OF 6: VOLATILE ORGANIC COMPOUNDS

AUTHOR: ROY F WESTON

DOC ID: 209587

09/08/1989

380 PAGES

6. REPORT: ANALYTICAL DATA PACKAGE, VOLUME 2 OF 6: SEMI-VOLATILE ORGANIC COMPOUNDS, PART 1 OF 2

AUTHOR: ROY F WESTON

DOC ID: 209588

09/08/1989 433 PAGES

7. REPORT: ANALYTICAL DATA PACKAGE, VOLUME 3 OF 6: SEMI-VOLATILE ORGANIC COMPOUNDS, PART 2 OF 2

AUTHOR: ROY F WESTON

DOC ID: 209589

09/08/1989

240 PAGES

2.REMOVAL RESPONSE (cont)

8. REPORT: ANALYTICAL DATA PACKAGE, VOLUME 4 OF 6; METALS, PART 1 OF 2

AUTHOR: ROY F WESTON

DOC ID: 209590

09/08/1989 235 PAGES

9. REPORT: ANALYTICAL DATA PACKAGE, VOLUME 5 OF 6: METALS, PART 2 OF 2

AUTHOR: ROY F WESTON

DOC ID: 209591

09/08/1989

300 PAGES

10. REPORT: ANALYTICAL DATA PACKAGE, VOLUME 6 OF 6: PESTICIDES/PCBS

AND RADIOLOGICALS

AUTHOR: ROY F WESTON

DOC ID: 209592

09/08/1989

298 PAGES

11. REPORT: DATA VALIDATION FOR SHPACK LANDFILL DATA, TDD# 01-8909-L1. PCS# 0711

AUTHOR: MARTHA POIRIER, ROY F WESTON

DOC ID: 209602

11/06/1989

33 PAGES

12. MEMO: MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE US DEPARTMENT OF ENERGY (DOE) AND THE US ARMY CORPS OF ENGINEERS REGARDING PROGRAM ADMINISTRATION AND EXECUTION OF THE FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM (FUSRAP)

AUTHOR: JAMES M OWENDOFF, US DEPT OF ENERGY

RUSSELL L FUHRMAN, US ARMY CORPS OF ENGINEERS

DOC ID: 209610

03/17/1999 12 PAGES

13. REPORT: DRAFT OUALITY ASSURANCE PROJECT PLAN, SHPACK LANDFILL SUPERFUND SITE, GAMMA AND CIVIL SURVEYS

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209601

09/08/1999

18 PAGES

14. REPORT: DRAFT SITE SAFETY AND HEALTH PLAN, SHPACK LÄNDFILL SUPERFUND SITE, GAMMA AND CIVIL SURVEYS

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209609

09/08/1999 158 PAGES

2.REMOVAL RESPONSE (cont)

15. LETTER: TRANSMITTAL OF THREE DRAFT PLANS APPLICABLE TO THE SHPACK LANDFILL SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: CHRISTINE WATTERS, CABRERA SERVICES INC

DOC ID: 209600

09/13/1999

1 PAGE

16. REPORT: GAMMA WALKOVER AND CIVIL SURVEY WORK PLAN TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209607

12/30/1999

25 PAGES

17. REPORT: QUALITY ASSURANCE PROJECT PLAN, SHPACK LANDFILL SUPERFUND SITE, GAMMA AND CIVIL SURVEYS

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209608

12/30/1999

18 PAGES

18. REPORT: DRAFT SITE-SPECIFIC RADIOLOGICAL SURVEY PLAN

AUTHOR: METCALF & EDDY

DOC ID: 209622

01/01/2000

31 PAGES

19. REPORT: DRAFT GAMMA WALKOVER AND CIVIL SURVEY REPORT

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 201276

07/13/2000 62 PAGES

20. LETTER: REVIEW COMMENTS ON GAMMA WALKOVER AND CIVIL SURVEY REPORT

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: EDWARD A CONROY, METCALF & EDDY

DOC ID: 209614

10/19/2000

4 PAGES

21. LETTER: COMMENTS ON GAMMA WALKOVER AND CIVIL SURVEY REPORT **DATE JULY 13, 2000**

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JAY NAPARSTEK, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 209615

10/24/2000 3 PAGES

2.REMOVAL RESPONSE (cont)

22. LETTER: TRANSMITTAL OF COMMENTS ON SHPACK GAMMA WALKOVER AND CIVIL SURVEY REPORT FROM BOTH METCALF AND EDDY AND MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION

TO: WILLIAM TAYLOR, US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 209613 10/24/2000 1 PAGE

23. LETTER: COMMENTS ON THE GAMMA WALKOVER AND CIVIL SURVEY REPORT

TO: WILLIAM TAYLOR, US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: HEATHER GRAF, SHPACK AD HOC COMMITTEE

DOC ID: 209611 10/26/2000 11 PAGES

24. LETTER: DRAFT GAMMA WALKOVER AND CIVIL SURVEY REPORT - RESPONSE TO COMMENTS

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: SCOTT E ACONE, US ARMY CORPS OF ENGINEERS

DOC ID: 209616 01/19/2001 24 PAGES

25. REPORT: FINAL REPORT, GAMMA WALKOVER AND CIVIL SURVEY REPORT

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 201277 01/23/2001 61 PAGES

26. LETTER: REVIEW OF RESPONSE COMMENTS ON GAMMA WALKOVER SURVEY

TO: SCOTT E ACONE. US ARMY CORPS OF ENGINEERS

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 209612 03/01/2001 4 PAGES

27. REPORT: FINAL QUALITY ASSURANCE PROJECT PLAN, FOCUSED SITE INSPECTION: CHARACTERIZATION SURVEYS FOR RADIOLOGICAL CONTAMINANTS OF CONCERN

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209605 02/22/2002 284 PAGES

2.REMOVAL RESPONSE (cont)

28. REPORT: FINAL SAMPLING AND ANALYSIS PLAN, FOCUSED SITE INSPECTION: CHARACTERIZATION SURVEYS FOR RADIOLOGICAL CONTAMINANTS OF CONCERN [PART 2 OF 2]

AUTHOR: CABRERA SERVICES INC

DOC ID: 201564 02/22/2002 455 PAGES

29. REPORT: FINAL SAMPLING AND ANALYSIS PLAN, FOCUSED SITE INSPECTION: CHARACTERIZATION SURVEYS FOR RADIOLOGICAL CONTAMINANTS OF CONCERN [PART 1 OF 2]

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209604 02/22/2002 759 PAGES

30. MAP: WETLANDS DELINEATION SUMMER 2002

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 209603 01/06/2003

31. REPORT: FINAL LETTER REPORT, FOCUSED SITE INSPECTION: CHARACTERIZATION SURVEYS FOR RADIOLOGICAL CONTAMINANTS OF CONCERN

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 205015 04/01/2003 42 PAGES

32. REPORT: FINAL LETTER REPORT, FOCUSED SITE INSPECTION: CHARACTERIZATION SURVEYS FOR RADIOLOGICAL CONTAMINANTS OF CONCERN, APPENDICES

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 205016 04/01/2003 496 PAGES

33. REPORT: DRAFT ENGINEERING EVALUATION AND COST ANALYSIS (EE/CA), SHPACK FUSRAP SUPERFUND LANDFILL

TO: US ARMY CORPS OF ENGINEERS

AUTHOR: ERM-NEW ENGLAND

DOC ID: 65214 02/01/2004 1 PAGE

3. REMEDIAL INVESTIGATION (RI)

1. FORM: REGIONAL REVIEW OF UNCONTROLLED HAZARDOUS WASTE SITE CONTRACT LABORATORY DATA PACKAGE

AUTHOR: US EPA REGION I

DOC ID: 209647

22 PAGES

2. REPORT: INTERPRETIVE REPORT OF RESULTS OF GROUNDWATER SURVEY OF THE ATTLEBORO LANDFILL CONDUCTED 04/07/86, 04/08/86 & 04/10/86.

DOC ID: 11774

5 PAGES

3 REPORT: INTERPRETIVE REPORT OF RESULTS OF GROUNDWATER SURVEY OF THE ATTLEBORO LANDFILL CONDUCTED 12/10/85 & 12/11/85 JA 02/11/86 COVER LETTER AND A 04/02/86 COVER SHEET ARE ATTACHED

DOC ID: 11773

42 PAGES

4. REPORT: INTERPRETIVE REPORT OF RESULTS OF THE 03/24/87 GROUNDWATER SURVEY [A 05/22/87 REPORT IS ATTACHED]

DOC ID: 11739

58 PAGES

5. REPORT: REPORT ON RESULTS OF ANALYSIS OF TEST WELL WATER AT ATTLEBORO LANDFILL SITE

DOC ID: 209618

12 PAGES

6. SAMPLING & ANALYSIS DATA: WASTE WATER ANALYSIS AUTHOR: MA DEPT OF ENVIRONMENTAL QUALITY ENGINEERING DOC ID: 209621 11/20/1978 25 PAGES

7 REPORT: REPORT ON RADIATION SURVEY ON PREMISES OF ATTLEBORO LANDFILL COMPANY

AUTHOR: DOUGLAS R SHEARER

DOC ID: 209619

02/05/1980

6 PAGES

8. REPORT: REPORT - EVALUATION OF ATTLEBORO LANDFILL MONITORING

TO: ATTLEBORO LANDFILL INC

AUTHOR: GHR ENGINEERING CORP

DOC ID: 209649

03/25/1980 87 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

9. REPORT: RADIOLOGICAL CHARACTERIZATION OF THE SHPACK LANDFILL. NORTON, MA, SURVEY PLAN

DOC ID: 209617

04/01/1982

21 PAGES

10. SAMPLING & ANALYSIS DATA: SHPACK DUMP, CASE# 01260, JTC ENVIRONMENTAL CONSULTANTS, SAMPLING DATES: 09/20/82 - 09/20/82

AUTHOR: JTC ENVIRONMENTAL CONSULTANTS

DOC ID: 209688

09/20/1982

143 PAGES

11. SAMPLING & ANALYSIS DATA: SHPACK DUMP, CASE# 01318, COMPUCHEM LABS, SAMPLING DATES: 09/20/82 - 09/20/82

AUTHOR: ED TAYLOR, NUS CORP SUPERFUND DIVISION

DOC ID: 209687

09/20/1982

61 PAGES

12. SAMPLING & ANALYSIS DATA: SHPACK DUMP, CASE# 01318, JTC ENVIRONMENTAL CONSULTANTS, SAMPLING DATES: 09/20/82 - 09/20/82

AUTHOR: JTC ENVIRONMENTAL CONSULTANTS

DOC ID: 209689

09/20/1982

235 PAGES

13. LETTER: SUMMARY OF PRE-1990 RESIDENTIAL WELL SAMPLING

TO: DOROTHY FREEMAN, NORTON (MA) TOWN OF

AUTHOR: JOHN F HACKLER, US EPA REGION 1

DOC ID: 209663 11/18/1982

10 PAGES

14. REPORT: REMEDIAL ACTION MASTER PLAN SECTION 1, DATA COMPILATION AND EVALUATION

TO: US EPA REGION I

AUTHOR: CAMP DRESSER & MCKEE INC

DOC ID: 200408

02/08/1983

19 PAGES

15. SAMPLING & ANALYSIS DATA: GROUNDWATER MONITORING ANALYTICAL RESULTS

GREG HUNT, DEQE SOUTHEAST REGION

JAMES MOONEY, ATTLEBORO BOARD OF HEALTH

AUTHOR: ROBERT S CUMMINGS, GHR ENGINEERING CORP

DOC ID: 11766

03/23/1984

39 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

16. SAMPLING & ANALYSIS DATA: SET OF ANALYTICAL RESULTS

TO: GREG HUNT, DEQE SOUTHEAST REGION

JAMES MOONEY, ATTLEBORO BOARD OF HEALTH

AUTHOR: ROBERT S CUMMINGS, GHR ENGINEERING CORP

DOC ID: 209620

39 PAGES 03/23/1984

17. MEMO: SHPACK INORGANIC DATA VALIDATION

TO: ED TAYLOR, NUS CORP SUPERFUND DIVISION

AUTHOR: HANS-PETER KRAHN, NUS CORP SUPERFUND DIVISION

DOC ID: 209677

07/27/1984

34 PAGES

18. MEMO: SHPACK ORGANIC DATA VALIDATION

TO: ED TAYLOR, NUS CORP SUPERFUND DIVISION

AUTHOR: HANS-PETER KRAHN, NUS CORP SUPERFUND DIVISION

DOC ID: 209646

07/30/1984

34 PAGES

19. REPORT: RESULTS ON GROUNDWATER QUALITY IN THE VICINITY OF THE ATTLEBORO SANITARY LANDFILL

TO: GHR ENGINEERING CORP

AUTHOR: GHR ANALYTICAL INC

DOC ID: 11768

05/17/1985

50 PAGES

20. REPORT: GHR LABORATORY REPORTS ON GROUNDWATER MONITORING AT ATTLEBORO LANDFILL

TO: DIANE DRUYETIS, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: LEANNE E S COBB. GHR ANALYTICAL INC

DOC ID: 200410

02/11/1986

42 PAGES

21. REPORT: REVIEW OF ATTLEBORO LANDFILL FINAL ENVIRONMENTAL IMPACT REPORT

MA DEPT OF ENVIRONMENTAL PROTECTION TO:

AUTHOR: JOE HARTLEY

DOC ID: 200413

03/19/1986

3 PAGES

22. REPORT: INTERPRETIVE REPORT OF 04/86, GROUNDWATER SAMPLING ROUND [A 07/17/86 COVER SHEET IS ATTACHED]

AUTHOR: GHR ANALYTICAL INC

DOC ID: 11736 05/16/1986

58 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

23. REPORT: INTERPRETIVE REPORT OF OCTOBER 21, 1986 GROUNDWATER SAMPLING ROUND

TO: MA DEPT OF ENVIRONMENTAL PROTECTION AUTHOR: LEANNE E S COBB, GHR ANALYTICAL INC

DOC ID: 200412 12/16/1986 46 PAGES

24. REPORT: LETTER REPORT, SHPACK RESIDENTIAL WELL SAMPLING PROGRAM, 1ST SAMPLING ROUND

TO: MA DEPT OF ENVIRONMENTAL QUALITY ENGINEERING

AUTHOR: WEHRAN ENGINEERING CORP DOC ID: 209645 03/01/1987 66 PAGES

25. LETTER: RESIDENTIAL WELL STUDY RESULTS

AUTHOR: CHRISTOPHER TILDEN, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200415 04/21/1987 9 PAGES

26. LETTER: RESIDENTIAL WELL STUDY RESULTS

TO: NORTON (MA) RESIDENT

AUTHOR: CHRISTOPHER TILDEN, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200414 04/22/1987 7 PAGES

27. REPORT: ANALYSIS OF WATER SAMPLES FROM SHPACK LANDFILL

TO: PETER CROTEAU, WEHRAN ENGINEERING CORP

AUTHOR: ERT

DOC ID: 209643 04/28/1987 69 PAGES

28. LETTER: ANALYSIS OF RESIDENTIAL WELL SAMPLING PROGRAM SECOND SAMPLING EVENT [RELATED DOCUMENTS ARE ATTACHED]

TO: HELEN WALDORF, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: KEVIN M BURGER, WEHRAN ENGINEERING CORP

PETER CROTEAU, WEHRAN ENGINEERING CORP

DOC ID: 11747 05/20/1987 10 PAGES

29. REPORT: INTERPRETIVE REPORT OF THE MARCH 24, 1987 GROUNDWATER SURVEY OF THE ATTLEBORO LANDFILL

DOC ID: 209644 07/22/1987 58 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

30. LETTER: SHPACK RESIDENTIAL WELL SAMPLING PROGRAM, FOURTH SAMPLE EVENT - ANALYTICAL RESULTS

TO: HELEN WALDORF, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: KEVIN M BURGER, WEHRAN ENGINEERING CORP

PETER CROTEAU, WEHRAN ENGINEERING CORP

DOC ID: 209641

11/23/1987

48 PAGES

31. REPORT: PRELIMINARY HEALTH ASSESSMENT FOR SHPACK LANDFILL AUTHOR: AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR)

DOC ID: 201271 04/18/1989 7 PAGES

32. REPORT: SHPACK LANDFILL SITE RESIDENTIAL WELL ANALYSIS DOC ID: 209675 10/01/1989 92 PAGES

33. SAMPLING & ANALYSIS DATA: DRINKING WATER PURGEABLE ORGANIC ANALYSIS

TO: CAROL B GOLDSBERRY, US EPA REGION 1

AUTHOR: MARY JANE CUZZUPE, US EPA REGION 1

SCOTT CLIFFORD, US EPA REGION I

DOC ID: 11754 10/24/1989 27 PAGES

34. MEMO: ANALYSIS OF PESTICIDES AND PCB'S IN WATER - SHPACK LANDFILL

TO: CAROL B GOLDSBERRY, US EPA REGION 1

AUTHOR: DELON MAAS, US EPA REGION 1

HUI WANG, US EPA REGION 1

RICHARD SISCANAW, US EPA REGION 1

DOC ID: 209638 11/01/1989

35. SAMPLING & ANALYSIS DATA: ANALYSIS OF PESTICIDES AND PCBS IN WATER

TO: CAROL B GOLDSBERRY, US EPA REGION 1

AUTHOR: DELON MAAS, US EPA REGION 1

HUI WANG, US EPA REGION 1

RICHARD SISCANAW, US EPA REGION 1

DOC ID: 11756

11/01/1989

13 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

36. SAMPLING & ANALYSIS DATA: GAS CHROMOTOGRAPHY-MASS SPECTROMETRY ANALYSIS OF EXTRACTABLE ORGANICS IN MUNICIPAL AND INDUSTRIAL DISCHARGES

TO: CAROL B GOLDSBERRY, US EPA REGION I

AUTHOR: JOSEPH MONTANARO, US EPA REGION 1

NATHAN RAINES, US EPA REGION I

RICHARD SISCANAW, US EPA REGION I

SURESH SRIVASTAVA, US EPA REGION 1

DOC ID: 11758

11/22/1989 39 PAGES

37, MEMO: EVALUATION OF RESIDENTIAL WELL SAMPLES, SHPACK LANDFILL

TO: CAROL B GOLDSBERRY, US EPA REGION 1

AUTHOR: LOUISE A HOUSE, US PUBLIC HEALTH SERVICE/ATSDR

DOC ID: 201272

02/07/1990

2 PAGES

38. LETTER: REQUEST FOR EXTENSION OF WORK PLAN SUBMISSION DATE.

TO: RICHARD T LEIGHTON, US EPA REGION 1

AUTHOR: PETER SPAWN, ALLIANCE TECHNOLOGIES CORP

DOC ID: 209632 12/11/1990

3 PAGES

39. LETTER: TRANSMITTAL OF REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) OVERSIGHT WORKPLAN

TO: RICHARD T LEIGHTON, US EPA REGION 1

AUTHOR: PETER SPAWN, ALLIANCE TECHNOLOGIES CORP

DOC ID: 209631 01/04/1991

2 PAGES

40. REPORT: REMEDIAL INVESTIGATION AND FEASIBILITY STUDY, VOLUME 1 OF

SHPACK STEERING COMMITTEE TO:

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200474

01/28/1991 405 PAGES

41. REPORT: REMEDIAL INVESTIGATION AND FEASIBILITY STUDY, VOLUME 2 OF

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200475 01/28/1991 212 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

42. REPORT: REMEDIAL INVESTIGATION AND FEASIBILITY STUDY, VOLUME 3 OF 3

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200476 01/28/1991 491 PAGES

43. MEMO: COMMENTS REGARDING REVIEW OF THE WORK PLAN FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) OVERSIGHT

TO: NADINE RANIERE, US EPA REGION 1

AUTHOR: PAMELA SHIELDS, US EPA REGION 1

DOC ID: 11619

01/29/1991

2 PAGES

44. MEMO: SHPACK WORK PLAN SCOPING MEETING - DECEMBER 10, 1990 AND JANUARY 4, 1991

AUTHOR: PAMELA SHIELDS, US EPA REGION 1

DOC ID: 209628

02/03/1991

6 PAGES

45. LETTER: REVIEW OF WORK PLAN FOR SHPACK LANDFILL

TO: PAMELA SHIELDS, US EPA REGION 1

AUTHOR: STEVEN E MIERZYKOWSKI, US DOI/US FISH & WILDLIFE SERVICE

DOC ID: 200439 02/21/1991 2 PAGES

46. LETTER: RESPONSE TO COMMENTS ON DRAFT WORK PLAN FOR THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)

TO: TERESA REC, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: PAMELA SHIELDS, US EPA REGION 1

DOC ID: 209625

04/24/1991

7 PAGES

47. LETTER: SHPACK DRAFT HEALTH AND ENDANGERMENT ASSESSMENT WORK PLAN - CONDITIONAL APPROVAL

TO: JOANNA HALL, ALLIANCE TECHNOLOGIES CORP

AUTHOR: PAMELA SHIELDS, US EPA REGION I

DOC ID: 209626

05/14/1991

3 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

48. LETTER: CONDITIONAL APPROVAL OF TASKS 8-11 OF REVISED WORK PLAN FOR THE REMEDIAL INVESTIGATION / FEASIBILITY STUDY (RI/FS)

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: RICHARD A CAVAGNERO, US EPA REGION 1

DOC ID: 209624 07/11/1991 2 PAGES

49. MEMO: TRANSMITTAL OF SITE HEALTH AND SAFETY PLAN FOR SHPACK **LANDFILL**

TO: PAMELA SHIELDS, US EPA REGION 1

AUTHOR: EILEEN HAHNEN, US EPA REGION 1

DOC ID: 209630 08/01/1991 1 PAGE

50. REPORT: WORK PLAN SUPPLEMENT FOR REMEDIAL INVESTIGATION

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 209623 09/03/1991 240 PAGES

51. LETTER: COMMENTS ON REVISED REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) WORK PLAN

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: US EPA REGION 1

DOC ID: 209629 09/30/1991 23 PAGES

52. LETTER: ERM'S RESPONSE TO SPECIFIC EPA COMMENTS FROM EPA'S SEPTEMBER 30, 1991 CORRESPONDENCE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DUANE A WANTY, ERM NEW ENGLAND INC

ROBERT J FOXEN, ERM NEW ENGLAND INC

DOC ID: 200404 11/15/1991 44 PAGES

53. WORK PLAN: WORK PLAN FOR THE REMEDIAL INVESTIGATION AND FEASIBILITY STUDY (RI/FS), VOLUME 1

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM NEW ENGLAND INC

DOC ID: 200407 11/15/1991 632 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

54. REPORT: OVERSIGHT TRIP REPORT FOR THE PERIOD JULY 31 TO AUGUST 22. 1991

TO: US EPA REGION I

AUTHOR: ALLIANCE TECHNOLOGIES CORP DOC ID: 201278 11/25/1991 72 PAGES

55. REPORT: SHPACK LANDFILL SUPERFUND SITE, LABORATORY QUALITY ASSURANCE PROJECT PLANS (QAPPS) - VOLUME 1 OF 2

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 209685 02/28/1992 324 PAGES

56. REPORT: SHPACK LANDFILL SUPERFUND SITE, LABORATORY QUALITY

ASSURANCE PROJECT PLANS (QAPPS) - VOLUME 2 OF 2

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 209686 02/28/1992 525 PAGES

57. WORK PLAN: INITIAL SITE CHARACTERIZATION WORK PLAN

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM NEW ENGLAND INC

DOC ID: 201279 06/29/1992 51 PAGES

58. REPORT: RESIDENTIAL WELL SAMPLING PLAN, ADDENDUM TO 15 NOVEMBER

1991 SHPACK LANDFILL WORK PLANS

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 209637 07/31/1992 22 PAGES

59, WORK PLAN: REMEDIAL INVESTIGATION/FEASABILITY STUDY (RI/FS) OVERSIGHT WORK PLAN/QUALITY ASSURANCE PROJECT PLAN (QAPP) COMPLIANCE OVERSIGHT

TO: US EPA REGION 1

AUTHOR: TRC ENVIRONMENTAL CORP

DOC ID: 201283 09/30/1992 174 PAGES

60. REPORT: CONDITION OF DOE MONITORING WELLS AT SHPACK LANDFILL

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: ANN MARIE PETRICCA, ERM NEW ENGLAND INC

DUANE A WANTY, ERM NEW ENGLAND INC.

DOC ID: 200409 10/20/1992 31 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

61. REPORT: FIELD ACTIVITIY REPORT NO. 1

TO: US EPA REGION I

AUTHOR: TRC ENVIRONMENTAL CORP

DOC ID: 201284 11/17/1992 70 PAGES

62. REPORT: FIELD ACTIVITIY REPORT NO. 2

TO: US EPA REGION I

AUTHOR: TRC ENVIRONMENTAL CORP

DOC ID: 201285 11/18/1992 23 PAGES

63. REPORT: FIELD ACTIVITIY REPORT NO. 3

TO: US EPA REGION 1

AUTHOR: TRC ENVIRONMENTAL CORP

DOC ID: 201286

11/18/1992

36 PAGES

64. REPORT: FIELD ACTIVITIY REPORT NO. 4

TO: US EPA REGION 1

AUTHOR: TRC ENVIRONMENTAL CORP

DOC ID: 201287

11/25/1992 16 PAGES

65. LETTER: DATA VALIDATION REPORT, SHPACK LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) COMPLIANCE OVERSIGHT.

VOLATILES: 3 WATER; 1 SOIL, SEMIVOLATILES: 2 WATER; 1 SOIL, PESTICIDE/PCB: 2

WATER; 1 SOIL

TO: MARGARET LESHEN, US EPA REGION I

AUTHOR: WILLIAM J FARINO, TRC COMPANIES INC

DOC ID: 209679 12/21/1992

66. LETTER: DATA VALIDATION REPORT, SHPACK LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) COMPLIANCE OVERSIGHT, METALS AND CYANIDE: 1 SOIL

48 PAGES

TO: MARGARET LESHEN, US EPA REGION 1

AUTHOR: WILLIAM J FARINO, TRC COMPANIES INC

DOC ID: 209680

01/05/1993 36 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

67. LETTER: DATA VALIDATION REPORT, SHPACK LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RVFS) COMPLIANCE OVERSIGHT, METALS AND CYANIDE: 1 SOIL; 1 AQUEOUS

TO: MARGARET LESHEN, US EPA REGION 1

AUTHOR: WILLIAM J FARINO, TRC COMPANIES INC

DOC ID: 209682 01/05/1993 45 PAGES

68. LETTER: DATA VALIDATION REPORT, SHPACK LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) COMPLIANCE OVERSIGHT, METALS AND CYANIDE: 2 AQUEOUS

TO: MARGARET LESHEN, US EPA REGION 1

AUTHOR: WILLIAM J FARINO, TRC COMPANIES INC

DOC ID: 209681 01/05/1993 36 PAGES

69. LETTER: DATA VALIDATION REPORT, SHPACK LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) COMPLIANCE OVERSIGHT, VOLATILES: 1 WATER/I SOIL, SEMIVOLATILES: 1 WATER/I SOIL, PESTICIDE: 1 WATER/I SOIL

TO: MARGARET LESHEN, US EPA REGION 1

AUTHOR: WILLIAM J FARINO, TRC COMPANIES INC

DOC ID: 209683 01/05/1993 43 PAGES

70. LETTER: DATA VALIDATION REPORT, SHPACK LANDFILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) COMPLIANCE OVERSIGHT, VOLATILES: 2 WATER, SEMIVOLATILES: 1 WATER, PESTICIDE/PCB: 1 WATER

TO: MARGARET LESHEN, US EPA REGION 1

AUTHOR: WILLIAM J FARINO, TRC COMPANIES INC

DOC ID: 209684 01/13/1993 71 PAGES

71. REPORT: INITIAL SITE CHARACTERIZATION REPORT, VOLUME 1 OF 3, [PART 1 OF 2, TEXT AND TABLES]

TO: SHPACK STEERING COMMITTEE

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200425 03/17/1993 303 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

72. REPORT: INITIAL SITE CHARACTERIZATION REPORT, VOLUME 1 OF 3, [PART 2 OF 2, FIGURES] AND VOLUME 2 OF 3, [PART 1 OF 2, APPENDICES A - E]

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200481 03/17/1993 351 PAGES

73. REPORT: INITIAL SITE CHARACTERIZATION REPORT, VOLUME 2 OF 3, [PART 2 OF 2, APPENDICES F & G]

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200482 03/17/1993 257 PAGES

74. REPORT: INITIAL SITE CHARACTERIZATION REPORT, VOLUME 3 OF 3 [PART 1 OF 2, APPENDICES H & I]

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200483 03/17/1993 278 PAGES

75. REPORT: INITIAL SITE CHARACTERIZATION REPORT, VOLUME 3 OF 3 | PART 2 OF 2, APPENDICES I (CONTINUED), J & K]

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 200484 03/17/1993 237 PAGES

76. MEMO: REVIEW OF INITIAL SITE CHARACTERIZATION REPORT

TO: ANDREW RAUBVOGEL, US EPA REGION 1

JAMES CHERNIACK, US EPA REGION 1

JUI YU HSIEH, US EPA REGION I

ROSE TOSCANO, US EPA REGION I

SUSAN SVIRSKY, US EPA REGION I

AUTHOR: DAVID O LEDERER, US EPA REGION I

DOC ID: 201280 03/19/1993 1 PAGE

77. LETTER: CORRECTION OF VOLATILE ORGANIC ANALYSIS RESULTS

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DUANE A WANTY, ERM NEW ENGLAND INC

PHILIP J DOHERTY, ERM NEW ENGLAND INC

DOC ID: 201282 03/25/1993 8 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

78. MEMO: REVIEW OF INITIAL SITE CHARACTERIZATION REPORT. **CLARIFICATION LETTER FROM PRPS**

TO: ANDREW RAUBVOGEL, US EPA REGION 1

DANIEL P FENNO, TRC COMPANIES INC

DAVID BUCKLEY, MA DEPT OF ENVIRONMENTAL PROTECTION

JAMES CHERNIACK, US EPA REGION 1

JUI YU HSIEH, US EPA REGION I

ROSE TOSCANO, US EPA REGION 1

SUSAN SVIRSKY, US EPA REGION 1

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 201281

03/26/1993

1 PAGE

79. REPORT: SUBMITTAL OF PHASE 1B WORK PLANS FOR THE SHPACK LANDFILL

TO: US EPA REGION 1

AUTHOR: ANN MARIE PETRICCA, ERM NEW ENGLAND INC

DUANE A WANTY, ERM NEW ENGLAND INC

ROBERT J FOXEN, ERM NEW ENGLAND INC

DOC ID: 201288 10/08/1993

12 PAGES

80. WORK PLAN: PHASE 1B WORK PLAN INSERTS FOR REMEDIAL INVESTIGATION AND FEASIBILITY STUDIES

AUTHOR: ERM NEW ENGLAND INC

DOC ID: 201289 10/08/1993 56 PAGES

81. WORK PLAN: ARCS WORK PLAN FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RVFS)

TO: US EPA REGION 1

AUTHOR: TRC ENVIRONMENTAL CORP

01/05/1994 16 PAGES DOC ID: 201290

82. LETTER: SUMMARY OF ANALYTICAL RESULTS AT RESIDENTIAL PROPERTIES

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: JOE SZLACHCIUK, TEXAS INSTRUMENTS INC

04/15/1997 39 PAGES DOC ID: 209678

3.REMEDIAL INVESTIGATION (RI) (cont)

83. LETTER: REQUEST FOR LIST OF PROPOSED HOMES FOR RESIDENTIAL WELL SAMPLING

TO: FRANCIS J VEALE JR, TEXAS INSTRUMENTS INC

AUTHOR: DAVID O LEDERER, US EPA REGION I

DOC ID: 209669 01/13/2000 1 PAGE

84. LETTER: RESIDENTIAL WELL SAMPLING

TO: FRANCIS J VEALE JR, TEXAS INSTRUMENTS INC

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 209667 01/26/2000 6 PAGES

85. LETTER: LIST OF ALL BUILDINGS WITHIN 1 MILE OF SHPACK LANDFILL WITHOUT MUNICIPAL WATER

TO: JOE SZLACHCIUK, TEXAS INSTRUMENTS INC

AUTHOR: ROBERT A CURRY, NORTON (MA) TOWN OF

DOC ID: 209668 02/14/2000 1 PAGE

86. MEMO: REVIEW COMMENTS ON: FIELD SAMPLING WORK PLAN -

RESIDENTIAL WELLS, REVISION 5

DOC ID: 209670 02/24/2000 1 PAGE

87. WORK PLAN: QUALITY MANUAL, RADIOCHEMISTRY AND URANIUM LABORATORIES, WITH TRANSMITTAL TO DAVE LEDERERE, EPA REGION I

AUTHOR: HAZEN RESEARCH, INC

DOC ID: 200418 03/08/2000 87 PAGES

88. MEMO: PROPOSED RESIDENTIAL WELL SAMPLING

TO: BOB CURRY, NORTON (MA) TOWN OF

FRANCIS J VEALE, TEXAS INSTRUMENTS INC

JAMES MOONEY, ATTLEBORO BOARD OF HEALTH

JOE SZLACHCIUK, TEXAS INSTRUMENTS INC

PETER F KUDARAUSKAS, US EPA REGION 1

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 209665 04/27/2000 4 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

89. LETTER: RESULTS OF GROSS ALPHA AND GROSS BETA TESTING ON WATER SAMPLES

TO: WILLIAM J ANDRADE, US EPA REGION 1

AUTHOR: CHERYL BAKER, ME DEPT OF HUMAN SERVICES

DOC ID: 209673 06/02/2000 71 PAGES

90. LETTER: ANALYTICAL RESULTS FROM MAY 2 AND 3, 2000 RESIDENTIAL WELL SAMPLING IN THE VICINITY OF THE SHPACK LANDFILL SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: PETER F KUDARAUSKAS, US EPA REGION 1

DOC ID: 209674 06/06/2000 22 PAGES

91. MEMO: ANALYTICAL RESULTS FROM MAY 2 AND 3, 2000 RESIDENTIAL WELL SAMPLING IN THE VICINITY OF THE SHPACK LANDFILL SUPERFUND SITE [WITH TRANSMITTAL AND MARGINALIA]

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: PETER F KUDARAUSKAS, US EPA REGION I

DOC ID: 209664 06/06/2000 23 PAGES

92. LETTER: RESULTS OF RESIDENTIAL WELL SAMPLING

AUTHOR: DAVID O LEDERER, US EPA REGION 1 DOC ID: 209672 06/12/2000 52 PAGES

93. MAP: MAPS RELATED TO RESIDENTIAL WELL SAMPLING

AUTHOR: TEXAS INSTRUMENTS INC

DOC ID: 209671 10/10/2000 8 PAGES

94. MAP: PROPOSED WELL SAMPLING 2001

AUTHOR: JOE SZLACHCIUK, TEXAS INSTRUMENTS INC

MIKE MILLER, TEXAS INSTRUMENTS INC

DOC ID: 209666 12/18/2000 1 PAGE

95. LETTER: RESIDENTIAL WELL SAMPLING PLAN FOR REVIEW

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200416 02/28/2001 1 PAGE

3.REMEDIAL INVESTIGATION (RI) (cont)

96. WORK PLAN: RESIDENTIAL WELL SAMPLING PLAN

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200417 02/28/2001 210 PAGES

97. LETTER: DISCUSSION OF RESIDENTIAL WELL SAMPLING FOR 2001

TO: BOB CURRY, NORTON (MA) TOWN OF AUTHOR: DAVID O LEDERER. US EPA REGION 1

DOC ID: 209662 03/16/2001 2 PAGES

98. LETTER: REQUIREMENT OF THE RESIDENTIAL WELL SAMPLING PLAN

TO: JAMES OCCHIALINI, ALPHA ANALYTICAL LABS

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200419 04/17/2001 2 PAGES

99. SAMPLING & ANALYSIS DATA: SHPACK - SURFACE WATER, COPY OF DATA SENT TO LEO GILLIS AT NATIONAL GRID

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: EDWARD A CONROY, METCALF & EDDY

DOC ID: 209635 05/03/2001 10 PAGES

100. MEMO: DATA GAPS RELATING TO ECOLOGICAL RISK ASSESSMENT:

AUTHOR: ANTHONY M RODOLAKIS, METCALF & EDDY

DOC ID: 201274 05/11/2001 2 PAGES

101. WORK PLAN: QUALITY ASSURANCE PROJECT PLAN, VOLUME 1 OF 2, TEXT, TABLES, FIGURES, APPENDICES A & B

TO: SHPACK STEERING COMMITTEE

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200468 08/01/2001 477 PAGES

102. WORK PLAN: QUALITY ASSURANCE PROJECT PLAN, VOLUME 2 OF 2, APPENDICES C & D [PART 1 OF 2]

TO: SHPACK STEERING COMMITTEE

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200469 08/01/2001 423 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

103. WORK PLAN: DRAFT QUALITY ASSURANCE PROJECT PLAN SUPPLEMENTAL LABORATORY INFORMATION

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200470 08/13/2001 126 PAGES

104. LETTER: FEBRUARY 2002 STATUS REPORT

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

SHPACK STEERING COMMITTEE

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200459 03/20/2002 2 PAGES

105. REPORT: QUALITY ASSURANCE PROJECT PLAN, REVISION 2 INSERT SHEETS

TO: SHPACK STEERING COMMITTEE

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200458 05/01/2002 115 PAGES

106. WORK PLAN: SELECTED APPENDICES, ON COMPACT DISK, FOR FINAL SAMPLING ANALYSIS PLAN, FOCUSED SITE INSPECTION; CHARACTERIZATION SURVEYS FOR RADIOLOGICAL CONTAMINATES OF CONCERN, WITH TRANSMITTAL TO DAVID LEDERER, EPA REGION 1 ON 5/17/2002

TO: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

AUTHOR: CABRERA SERVICES INC

DOC ID: 200473 05/09/2002 1 PAGE

107. LETTER: EXPLANATION OF QUALITY ASSURANCE PROJECT PLAN, REVISION 2 INSERT SHEETS

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200471 05/16/2002 2 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

108. LETTER: TRANSMITTAL FOR QUALITY ASSURANCE PROJECT PLAN, REVISION 2 INSERT SHEETS

TO: ANDREW COENEN, ERM WOODBURY

CONNIE FAUSTINI, ERM ANNAPOLIS

DAVID BUCKLEY, MA DEPT OF ENVIRONMENTAL PROTECTION

EDWARD A CONROY, METCALF & EDDY

ELLEN HEATH, DUKE ENGINEERING & SERVICES

FRANCIS J VEALE, TEXAS INSTRUMENTS INC

HEATHER GRAF, SHPACK AD HOC COMMITTEE

JENNIFER CARLINO, NORTON CONSERVATION COMMISSION

KATHLEEN HIBBETT, ATTLEBORO (MA) PUBLIC LIBRARY

MICHAEL ELLIOTT, TEXAS INSTRUMENTS INC

NORTON (MA) PUBLIC LIBRARY

PAUL SENCAL, MITIKEM

ROBERT CUMMINGS, EAST COAST ENGINEERING

ROBERT M BERNSTEIN, CABRERA SERVICES INC

SCOTT E ACONE, US ARMY CORPS OF ENGINEERS

AUTHOR: STEVEN P SACCO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200472 05/16/2002 2 PAGES

109. LETTER: CONDITIONAL APPROVAL OF PHASE IB REMEDIAL INVESTIGATION OUALITY ASSURANCE PROJECT PLAN, REVISION 2

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 200441

06/06/2002

3 PAGES

110. LETTER: RESPONSE TO CONDITIONAL APPROVAL, PHASE 1B WORK PLAN TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JOHN C DROBINSKI, ENVIRONMENTAL RESOURCES MANAGEMENT JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200420

07/29/2002

30 PAGES

111. REPORT: MONITORING WELL REPLACEMENT, PHASE 1B FIELD ACTIVITIES TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JOHN C DROBINSKI, ENVIRONMENTAL RESOURCES MANAGEMENT JOHN R DAGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 209636

11/07/2002

18 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

112. LETTER: COMMENTS ON DRAFT HUMAN HEALTH ASSESSMENT INTAKE VALUES REASONABLE MAXIMUM EXPOSURE (RME) AND CENTRAL TENDENCY (CT)

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 201275 03/04/2003 5 PAGES

113. LETTER: LABORATORY REPORT, TOTAL RECOVERABLE METALS IN WATER

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: WILLIAM J ANDRADE, US EPA REGION 1

DOC ID: 209634 05/15/2003 8 PAGES

114. LETTER: CONTINUATION PHASE 1-B FIELD SAMPLING AND REPLACEMENT WELL INSTALLATION, OVERSIGHT REPORT, APRIL 24 - MAY 2,2003

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: EDWARD A CONROY, METCALF & EDDY

DOC ID: 209633 05/28/2003 9 PAGES

115. REPORT: HABITAT ASSESSMENT AND BIOLOGICAL SURVEY

TO: CAROL B GOLDSBERRY, US EPA REGION 1

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 201273 07/01/2003 46 PAGES

116. LETTER: NOVEMBER 2003 STATUS REPORT

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

SHPACK STEERING COMMITTEE

AUTHOR: JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200460 12/05/2003 2 PAGES

117. LETTER: JANUARY 2004 STATUS REPORT

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

SHPACK STEERING COMMITTEE

AUTHOR: JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200461 02/13/2004 2 PAGES

3.REMEDIAL INVESTIGATION (RI) (cont)

118. LETTER: FEBRUARY 2004 STATUS REPORT

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

SHPACK STEERING COMMITTEE

AUTHOR: JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200462 03/05/2004 2 PAGES

119. WORK PLAN: BACKGROUND SAMPLING WORK PLAN

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: JOHN C DROBINSKI, ENVIRONMENTAL RESOURCES MANAGEMENT

JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200466 03/18/2004 12 PAGES

120. LETTER: MARCH 2004 STATUS REPORT

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

SHPACK STEERING COMMITTEE

AUTHOR: JOHN R D'AGOSTINO, ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200463 04/16/2004 2 PAGES

121. REPORT: BASELINE HUMAN HEALTH RISK ASSESSMENT

AUTHOR: METCALF & EDDY

DOC ID: 210480 06/01/2004 1 PAGE

122. REPORT: DRAFT BASELINE ECOLOGICAL RISK ASSESSMENT

AUTHOR: METCALF & EDDY

DOC ID: 210481 06/14/2004 1 PAGE

123. REPORT: DRAFT FINAL PHASE 1B REMEDIAL INVESTIGATION (RI) REPORT,

VOLUME 1 OF 2

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 210484 06/17/2004 1 PAGE

124. REPORT: DRAFT FINAL PHASE 1B REMEDIAL INVESTIGATION (RI) REPORT,

VOLUME 2 OF 2

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 210485 06/17/2004 1 PAGE

4. FEASIBILITY STUDY (FS)

DOC ID: 212008

1. FORM: COMMENTS ON THE PROPOSED PLAN (24 FORM LETTERS) TO: DAVID O LEDERER, US EPA REGION 1 AUTHOR: BRIAN RATCLIFFE, NORTON (MA) RESIDENT BRYAN O'ROURKE, NORTON (MA) RESIDENT CAROLE A LEES, NORTON (MA) RESIDENT DENNIS M O'KEEFE, NORTON (MA) RESIDENT DOROTHY LEE DESMARAIS, NORTON (MA) RESIDENT DOROTHY RATCLIFFE, NORTON (MA) RESIDENT DWAYNE HANCOCK, NORTON (MA) RESIDENT EDWARD M HALLAHAN, NORTON (MA) RESIDENT JANET MARIE O'KEEFE, NORTON (MA) RESIDENT JANETTE FRANKE JOEL THOMSON, NORTON (MA) RESIDENT KAREN O'ROURKE, NORTON (MA) RESIDENT KELLIE ROE, NORTON (MA) RESIDENT MATTHEW DESMARAIS, NORTON (MA) RESIDENT MOLLIE LO'KEEFE, NORTON (MA) RESIDENT NICOLINA ZUSCHLAG, ATTLEBORO (MA) RESIDENT PATRICIA A CLIFFORD, NORTON (MA) RESIDENT PAUL W RATCLIFFE, NORTON (MA) RESIDENT SHEILA GRAY, NORTON (MA) RESIDENT STEVEN J PAILLE, NORTON (MA) RESIDENT SUSAN J WEILDING, NORTON (MA) RESIDENT TERESA L TOCCI, NORTON (MA) RESIDENT VIVIAN LAMBRECHT WALTER RATCLIFFE, NORTON (MA) RESIDENT WALTER ZUSCHLAG, ATTLEBORO (MA) RESIDENT

24 PAGES

2. LETTER: COMMENTS ON THE PROPOSED PLAN
TO: DAVID O LEDERER, US EPA REGION 1
AUTHOR: MARK BRUHAN, NORTON (MA) RESIDENT
DOC ID: 211336
1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

3. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: LEANNE COBB, NORTON (MA) RESIDENT

STEVENS COBB, NORTON (MA) RESIDENT

DOC ID: 211337

2 PAGES

4. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DONALD G QUILLEN, ATTLEBORO (MA) RESIDENT

DOC ID: 211339

1 PAGE

5. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: JOSEPH SURETTE, ATTLEBORO (MA) RESIDENT

DOC ID: 211340

1 PAGE

6. MEMO: POSITION PAPER FOR THE TOWN OF NORTON, COMMENTS ON THE PROPOSED PLAN

AUTHOR: ROBERT W KIMBALL, NORTON BOARD OF SELECTMEN

DOC ID: 211332

5 PAGES

7. LETTER: RELEASE CRITERIA FOR DECOMMISSIONING RADIOLOGICALLY CONTAMINATED FACILITIES FOR UNRESTRICED USE IN MASSACHUSETTS

TO: DAVID BUCKLEY, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: ROBERT M HALLISEY, MA DEPT OF PUBLIC HEALTH

DOC ID: 200467

07/20/2001

2 PAGES

8. LETTER: POTENTIAL ARAR RELATIVE TO THE SHPACK SUPERFUND SITE RADIONUCLIDE CONTAINING WASTES, WITH TRANSMITTAL TO SCOTT ACONE. US ACE ON 8/24/2001

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: PAUL CRAFFEY, US EPA REGION 1

DOC ID: 200465

08/13/2001

3 PAGES

9. FACT SHEET: PROPOSED PLAN FOR SELECTED REMEDIAL ACTION AT SHPACK LANDFILL SITE

AUTHOR: US EPA REGION 1

DOC ID: 210633 06/01/2004 12 PAGES

4.FEASIBILITY STUDY (FS) (cont)

10. REPORT: DRAFT FINAL FEASIBILITY STUDY (FS)

TO: SHPACK STEERING COMMITTEE

AUTHOR: ERM-NEW ENGLAND INC

DOC ID: 210483 06/17/2004 1 PAGE

11. LETTER: TRANSMITTAL OF PROPOSED PLAN, REMDIAL INVESTIGATION, FEASIBILITY STUDY, HUMAN HEALTH RISK ASSESSMENT, AND BASELINE RISK ASSESSMENT

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 213639 06/22/2004 1 PAGE

12. LETTER: REQUEST FOR A THIRTY (30) DAY EXTENSION OF PUBLIC COMMENT PERIOD ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: HEATHER GRAF, SHPACK AD HOC COMMITTEE

DOC ID: 211327 07/01/2004 1 PAGE

13. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DAVID F YOPAK, TEKNOR APEX COMPANY

DOC ID: 211338 07/07/2004 1 PAGE

14. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: FREDERICK J WATSON, NORTON (MA) BOARD OF HEALTH

DOC ID: 211330 07/08/2004 2 PAGES

15. MEMO: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: CITIZENS ADVISORY SHPACK TEAM (CAST)

HEATHER GRAF, SHPACK AD HOC COMMITTEE

DOC ID: 211329 07/14/2004 7 PAGES

16. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: ROSEMARIE HOYLE, NORTON (MA) RESIDENT

DOC ID: 211342 07/22/2004 1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

17. FORM $\,:$ COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: WAYNE A GRAF, NORTON (MA) RESIDENT

DOC ID: 211343 07/23/2004 1 PAGE

18. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: STEVEN J ARCANTI

DOC ID: 211344 07/23/2004 1 PAGE

19. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JAMES A HARROD

DOC ID: 211345 07/27/2004 1 PAGE

20. MEMO: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: CLARENCE PRICH, NORTON BOARD OF SELECTMEN

DOC ID: 211324 07/27/2004 2 PAGES

21. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: KATHLEEN A RODRIGUES

DOC ID: 211346 07/28/2004 1 PAGE

22. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JOHN M RODRIGUES

DOC ID: 211347 07/28/2004 1 PAGE

23. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DONALD G RAFFETY

JUDITH A RAFFETY

DOC ID: 211348 07/28/2004 1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

24. MEMO: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: RICHARD KRUMM, NORTON (MA) RESIDENT

DOC ID: 211328 07/28/2004 1 PAGE

25. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: ANNE RODRIGUES, NORTON (MA) RESIDENT

DOC ID: 211349 07/29/2004 1 PAGE

26. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: THOMAS W FRENCH, MA DIVISION OF FISHERIES

DOC ID: 211331 07/30/2004 1 PAGE

27. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: ROBERT W VARNEY, US EPA REGION I

AUTHOR: ELIZABETH A POIRIER, MA HOUSE OF REPRESENTATIVES

MICHAEL COPPOLA, MA HOUSE OF REPRESENTATIVES

PHILIP TRAVIS, MA HOUSE OF REPRESENTATIVES

DOC ID: 211334 07/30/2004 2 PAGES

28. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: LISA M TOMMASELLO, NORTON (MA) RESIDENT

DOC ID: 211335 07/30/2004 1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

29. FORM: COMMENTS ON THE PROPOSED PLAN (35 FORM LETTERS) TO: DAVID O LEDERER, US EPA REGION 1 AUTHOR: CHRISTIANE DENKEL, NORTON (MA) RESIDENT CHRISTINE WILLCUTT, NORTON (MA) RESIDENT DEBORAH A SALLEY, NORTON (MA) RESIDENT ELIZABETH D SEACORD, NORTON (MA) RESIDENT ELIZABETH POLK, NORTON (MA) RESIDENT **ELIZABETH S DEXTER** ESTELLE M FLETT, NORTON (MA) RESIDENT **ESTHER JARUGA** FREDERICK J WATSON, NORTON (MA) RESIDENT HAROLD ROGERS, E. TAUNTON (MA) RESIDENT HENRI A YELLE, NORTON (MA) RESIDENT HOLLY INTASI, NORTON (MA) RESIDENT JACQUELINE CANTO, NORTON (MA) RESIDENT JOHN J WILLCUTT, NORTON (MA) RESIDENT KARLEEN SALLEY, NORTON (MA) RESIDENT KIMBERLY SALLEY, NORTON (MA) RESIDENT KRISTINA SALLEY, NORTON (MA) RESIDENT LISA M MCINTOSH, NORTON (MA) RESIDENT LORRAINE N ORNELLA, NORTON (MA) RESIDENT LYDIA A LOVING, NORTON (MA) RESIDENT LYDIA J FALES-TATRO, NORTON (MA) RESIDENT MARCI MACKEY, ATTLEBORO (MA) RESIDENT MARIE E WEISS MARIE T LEE, ATTLEBORO (MA) RESIDENT MILDRED L ANDREWS, NORTON (MA) RESIDENT PETER B ROBB ROGER A BOGOSH, NORTON (MA) RESIDENT RUTH E GOOLD, NORTON (MA) RESIDENT **RUTH YOUNGOUIST** STEPHEN WEBBER, E. TAUNTON (MA) RESIDENT SUSAN MIMS, NORTON (MA) RESIDENT THERESA A ROGERS, E. TAUNTON (MA) RESIDENT THOMAS E BURKE, NORTON (MA) RESIDENT VICTORIA MAY, NORTON (MA) RESIDENT

WILLIAM J JR CROWLEY, ATTLEBORO (MA) RESIDENT

35 PAGES

08/01/2004

DOC ID: 211355

4.FEASIBILITY STUDY (FS) (cont)

30. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JOHN J WILLCUTT, NORTON (MA) RESIDENT

DOC ID: 211350 08/03/2004 1 PAGE

31. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: HEATHER GRAF, SHPACK AD HOC COMMITTEE

DOC ID: 211326 08/04/2004 4 PAGES

32. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: ROBERT W VARNEY, US EPA REGION 1

AUTHOR: BARNEY FRANK, US HOUSE OF REPRESENTATIVES

DOC ID: 211333 08/04/2004 2 PAGES

33. LETTER: COMMENTS ON THE PROPOSED PLAN ON BEHALF OF CONSTITUENTS

TO: DAVID O LEDERER, US EPA REGION I AUTHOR: JO ANN SPRAGUE, MA SENATE DOC ID: 211325 08/05/2004 2 PAGES

34. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: KARI CANNING, NORTON (MA) RESIDENT THOMAS CANNING, NORTON (MA) RESIDENT

DOC ID: 211351 08/06/2004 1 PAGE

35. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: NANCY M WEBBER, NORTON (MA) RESIDENT

DOC ID: 211352 08/09/2004 1 PAGE

36. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JAMES R PAILLE, NORTON (MA) RESIDENT

DOC ID: 211353 08/09/2004 1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

37. FORM: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: ALICE H PAILLE, NORTON (MA) RESIDENT

DOC ID: 211354 08/10/2004 1 PAGE

38. LETTER: COMMENTS ON THE PROPOSED PLAN

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: MICHELE MICHART@ONEBOX.COM, NORTON (MA) RESIDENT

DOC ID: 211341 08/10/2004 1 PAGE

39. LETTER: THE CONSERVATION COMMISSION HAS VOTED TO STRONGLY SUPPORT THE

OPTION SC-3B FOR THE CLEANUP OF SHPACK LANDFILL

TO: BARNEY FRANK, US HOUSE OF REPRESENTATIVES

DAVID BUCKLEY, MA DEPT OF ENVIRONMENTAL PROTECTION

DAVID O LEDERER, US EPA REGION I

ED TANNER, ATTLEBORO CONSERVATION COMMISSION

ELIZABETH A POIRIER, MA HOUSE OF REPRESENTATIVES

FRANCIS J VEALE, TEXAS INSTRUMENTS INC

HEATHER GRAF, SHPACK AD HOC COMMITTEE

JAMES P PURCELL, NORTON (MA) TOWN OF

JO ANN SPRAGUE, MA SENATE

KENNETH MUNNEY, US DOI/US FISH & WILDLIFE SERVICE

MICHAEL COPPOLA, MA HOUSE OF REPRESENTATIVES

PHILIP TRAVIS, MA HOUSE OF REPRESENTATIVES

AUTHOR: JENNIFER CARLINO, NORTON CONSERVATION COMMISSION

DOC ID: 212007 08/10/2004 5 PAGES

40. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: STANLEY J WALASAVAGE, NORTON POLICE DEPARTMENT

DOC ID: 213807 08/20/2004 1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

41. MEMO: COMMENTS ON THE PROPOSED PLAN FOR THE SHPACK SUPERFUND SITE

AUTHOR: HEATHER GRAF, SHPACK AD HOC COMMITTEE

DOC ID: 213820 08/20/2004 4 PAGES

42. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: HOWARD B BAKER, NORTON (MA) EMERGENCY MANAGEMENT AGENCY

DOC ID: 213808

08/22/2004

I PAGE

43. NEWS CLIPPING: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: JOSEPH CALLAHAN, TAUNTON RIVER WATERSHED ALLIANCE INC.

DOC ID: 213812 08/23/2004 1 PAGE

44. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JONATHAN O'REILLY, NORTON (MA) RESIDENT

DOC ID: 213802 08/24/2004 1 PAGE

45. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: RICHARD J GOMES, NORTON FIRE RESCUE

DOC ID: 213803 08/24/2004 2 PAGES

46. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: PAUL J SCHLEICHER, NORTON FIRE RESCUE

DOC ID: 213804 08/24/2004 1 PAGE

4.FEASIBILITY STUDY (FS) (cont)

47. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JANET O'REILLY, NORTON (MA) RESIDENT

DOC ID: 213805

08/24/2004

1 PAGE

48. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: GEORGE F BURGESS, NORTON FIRE RESCUE

DOC ID: 213806

08/24/2004

1 PAGE

49. NEWS CLIPPING: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: RONALD O'REILLY, NORTON (MA) RESIDENT

DOC ID: 213811

08/24/2004 7 PAGES

50. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: KEWNNETH SEJKORA, AD HOC SHPACK TECHNICAL COMMITTEE

DOC ID: 213813 08/25/2004 2 PAGES

51. NEWS CLIPPING: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: CHARLES MAGRI, NORTON (MA) RESIDENT

KATIE MAGRI, NORTON (MA) TOWN OF

DOC ID: 213810

08/25/2004

1 PAGE

52. LETTER: WASTE DISPOSAL ALTERNTIVES REVIEW FOR THE SHPACK SITE

TO: EDWARD A CONROY, METCALF & EDDY

AUTHOR: KENNETH M KASPER, SCIENTECH

DOC ID: 214124 09/22/2004

4.FEASIBILITY STUDY (FS) (cont)

53. MEMO: TRANSMITAL FOR SHPACK TRANSPORT AND DISPOSAL COSTS

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: EDWARD A CONROY, METCALF & EDDY

DOC ID: 214123

09/24/2004

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5. RECORD OF DECISION (ROD)

1. LETTER: STATE APPLICABLE, AND RELEVANT AND APPROPRIATE REQUIREMENTS FOR THE SHPACK LANDFILL

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DAVID BUCKLEY, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200406 01/15/2004 4 PAGES

2. LETTER: MA DEP COMMENTS ON THE DRAFT RECORD OF DECISION

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DAVID BUCKLEY, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 214125 09/22/2004 3 PAGES

3. RECORD OF DECISION: RECORD OF DECISION (ROD)

AUTHOR: US EPA REGION 1 DOC ID: 214530 09/30/2004

9. STATE COORDINATION

1. LETTER: REQUEST FOR ASSISTANCE IN COORDINATING THE SITE INVESTIGATION

TO: MERRILL S HOHMAN, US EPA REGION I

AUTHOR: WILLIAM F CASS, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200405 12/28/1981 1 PAGE

2. LETTER: ISSUES REGARDING ATTLEBORO LANDFILL INC WHICH MAY IMPACT CLEANUP AT THE SHPACK LANDFILL SITE

TO: JAY NAPARSTEK, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: CAROL TUCKER, US EPA REGION I

DOC ID: 200438 02/18/2004 6 PAGES

9. STATE COORDINATION (cont)

3. LETTER: GROUNDWATER USE AND VALUE DETERMINATION

TO: CAROL TUCKER, US EPA REGION 1

AUTHOR: JAY NAPARSTEK, MA DEPT OF ENVIRONMENTAL PROTECTION

04/12/2004 6 PAGES DOC ID: 200436

10. ENFORCEMENT/NEGOTIATION

1. LITIGATION: ADMINISTRATIVE ORDER BY CONSENT FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS), US EPA DOCKET NO.I-90-1113

AUTHOR: US EPA REGION 1

DOC ID: 41851

09/24/1990

102 PAGES

2. LITIGATION: COST RECOVERY ADMINISTRATIVE AGREEMENT, CERCLA DOCKET NO.I-90-1114

AUTHOR: US EPA REGION 1

DOC ID: 200402

06/18/1991 19 PAGES

3. LETTER: NO COMMENTS RECEIVED ON COST RECOVERY ADMINISTRATIVE AGREEMENT, CERCLA DOCKET NO.I-90-1114

TO: PATRICIA L TRUSCELLI, PARKER CHAPIN FLATTAU & KLIMPL

RICK JOOSTEN, TEXAS INSTRUMENTS INC

AUTHOR: ANDREW RAUBVOGEL, US EPA REGION 1

DOC ID: 200403

08/14/1991

2 PAGES

11. POTENTIALLY RESPONSIBLE PARTY

1. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 1 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209706

12/20/1996 205 PAGES

11.POTENTIALLY RESPONSIBLE PARTY (cont)

2. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 10 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209715 12/20/1996

3. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 11 OF 17]

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TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209716 12/20/1996 295 PAGES

4. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 12 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209717 12/20/1996 171 PAGES

5. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 13 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209718 12/20/1996 318 PAGES

11.POTENTIALLY RESPONSIBLE PARTY (cont)

6. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 14 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209719

12/20/1996 213 PAGES

7. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 15 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209720 12/20

12/20/1996 205 PAGES

8. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 16 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209721

12/20/1996 172 PAGES

9. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 17 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209722

12/20/1996

11.POTENTIALLY RESPONSIBLE PARTY (cont)

10. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 2 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209707

12/20/1996

207 PAGES

11. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 3 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209708

12/20/1996 279 PAGES

12. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 4 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209709

12/20/1996

287 PAGES

13. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS (PART 5 OF 17)

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209710

12/20/1996

11.POTENTIALLY RESPONSIBLE PARTY (cont)

14. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 6 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209711

12/20/1996

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15. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 7 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209712

12/20/1996

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16. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 8 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHUELE, TEXAS INSTRUMENTS INC

DOC ID: 209713

12/20/1996

211 PAGES

17. LETTER: REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS [PART 9 OF 17]

TO: HAZEL R OLEARY, US DEPT OF ENERGY

ROBERT R NORDHAUS, US DEPT OF ENERGY

AUTHOR: WERNER H SCHÜELE, TEXAS INSTRUMENTS INC

DOC ID: 209714

12/20/1996

11.POTENTIALLY RESPONSIBLE PARTY (cont)

18. LETTER: RETRACTION OF PROPRIETARY INFORMATION CLAIM ON "REQUEST FOR REIMBURSEMENT OF COSTS ARISING OUT OF THE DECONTAMINATION AND DECOMMISSIONING OF THE TEXAS INSTRUMENTS INCORPORATED FACILITY IN ATTLEBORO, MASSACHUSETTS"

TO: GRETCHEN MUENCH, US EPA REGION I

AUTHOR: FRANCIS J VEALE JR, TEXAS INSTRUMENTS INC

DOC ID: 209757 06/09/2004 2 PAGES

13. COMMUNITY RELATIONS

I. LETTER: DISPOSAL OF RADIOACTIVE WASTES IN NORTON AND ATTLEBORO, MA

TO: JOHN SULLIVAN, ATTLEBORO (MA) RESIDENT

AUTHOR: RONNIE SHORENSTEIN ALKIRE DOC ID: 201266 04/18/1980 2 PAGES

2. PRESS RELEASE: INVESTIGATION BEGINS AT SHPACK SUPERFUND SITE

AUTHOR: US EPA REGION 1

DOC ID: 201263 07/29/1991 2 PAGES

3. REPORT: COMMUNITY RELATIONS PLAN

TO: US EPA REGION 1

AUTHOR: ALLIANCE TECHNOLOGIES CORP DOC ID: 201257 08/06/1991 31 PAGES

4. REPORT: COMMUNITY RELATIONS SUPPORT PLAN

TO: US EPA REGION 1

AUTHOR: ERM NEW ENGLAND INC

DOC ID: 201258 05/12/1992 37 PAGES

5. LETTER: DOE EVALUATION OF RADIOLOGICAL CHARACTERIZATION EFFORTS

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: LESTER K PRICE, US DEPT OF ENERGY

DOC ID: 201260 10/04/1993 2 PAGES

13.COMMUNITY RELATIONS (cont)

6. FACT SHEET: FUSRAP FACT SHEET

AUTHOR: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

DOC ID: 201261 12/01/1999 3 PAGES

7. PUBLIC MEETING RECORD: INVITATION TO A PUBLIC INFORMATION MEETING FOR AN UPDATE ON THE REMEDIAL INVESTIGATION AT THE SHPACK LANDFILL SITE

AUTHOR: US EPA REGION 1

DOC ID: 200434 09/18/2000 1 PAGE

8. FACT SHEET: SHPACK LANDFILL SITE UPDATE

AUTHOR: US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

DOC ID: 201262 01/01/2001 2 PAGES

9. PUBLIC MEETING RECORD: INVITATION TO A PUBLIC INFORMATION MEETING ON THE SHPACK LANDFILL SITE

AUTHOR: US EPA REGION 1

DOC ID: 200433 03/06/2001 1 PAGE

10. PUBLIC MEETING RECORD: PUBLIC INFORMATION MEETING ON THE SHPACK LANDFILL SITE TO BE POSTPONED

AUTHOR: US EPA REGION 1

DOC ID: 200432 07/25/2001 1 PAGE

11. PUBLIC MEETING RECORD: INVITATION TO ATTEND A PUBLIC INFORMATION MEETING ON THE SHPACK LANDFILL SITE

AUTHOR: US EPA REGION 1

DOC ID: 200431 07/31/2001 1 PAGE

12. PUBLIC MEETING RECORD: INVITATION TO ATTEND A PUBLIC INFORMATION MEETING ON THE SHPACK LANDFILL SITE

AUTHOR: US EPA REGION 1

DOC ID: 200430 09/11/2001 1 PAGE

13. PUBLIC MEETING RECORD: INVITATION TO ATTEND A PUBLIC INFORMATION MEETING ON THE SHPACK LANDFILL SITE

AUTHOR: US EPA REGION 1

DOC ID: 200429 10/23/2001 1 PAGE

13.COMMUNITY RELATIONS (cont)

14. REPORT: COMMUNITY RELATIONS SUPPORT PLAN

TO: SHPACK STEERING COMMITTEE

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 201259

12/21/2001 12 PAGES

15, PUBLIC MEETING RECORD: AGENDA AND HANDOUTS FOR THE LEGISLATIVE BRIEFING FOR THE SHPACK LANDFILL SITE

AUTHOR: MA DEPT OF PUBLIC HEALTH

DOC ID: 200435

05/22/2002

8 PAGES

16. PUBLIC MEETING RECORD: AGENDA FOR A PUBLIC INFORMATION MEETING ON CANCER INCIDENCE IN NORTON AND ATTLEBORO, MA

TO: SHPACK STEERING COMMITTEE

AUTHOR: MA DEPT OF PUBLIC HEALTH

DOC ID: 200428

06/11/2002 I PAGE

17. PUBLIC MEETING RECORD: INVITATION TO AN OPEN HOUSE FOR THE SHPACK LANDFILL

TO: SHPACK STEERING COMMITTEE

AUTHOR: US EPA REGION 1

DOC ID: 200427 07/16/2002

2 PAGES

18. LETTER: CLARIFICATION OF SLIDES PREPARED AND PRESENTED BY CABRERA SERVICES

TO: HEATHER GRAF, SHPACK AD HOC COMMITTEE

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 201265

11/01/2002

1 PAGE

19. PUBLIC MEETING RECORD: INVITATION TO A PUBLIC INFORMATIONAL MEETING ON THE SHPACK LANDFILL

TO: SHPACK STEERING COMMITTEE

AUTHOR: US EPA REGION 1

DOC ID: 200426 11/12/2002 1 PAGE

20. LETTER: SUMMARY OF SAMPLING RESULTS FOR RESIDENTIAL PROPERTIES

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 209661

05/15/2003

13.COMMUNITY RELATIONS (cont)

21. SAMPLING & ANALYSIS DATA: VOAS IN DRINKING WATER, TRIP VOA BLANK

AUTHOR: US EPA REGION 1

DOC ID: 209660 08/27/2003 30 PAGES

22. SAMPLING & ANALYSIS DATA: LABORATORY REPORT, VOAS IN DRINKING

WATER

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: WILLIAM J ANDRADE, US EPA REGION 1

DOC ID: 209658

08/28/2003

41 PAGES

23. SAMPLING & ANALYSIS DATA: TOTAL RECOVERABLE METALS IN WATER, 59 AND 68 UNION STREET, 70, 77, 100 AND 106 PECKHAM STREET, 14 NORTH WORCESTER STREET, 35, 36, 82, 83, 94 AND 95 MAPLE STREET

AUTHOR: US EPA REGION I

DOC ID: 209659

09/17/2003 14 PAGES

24. SAMPLING & ANALYSIS DATA: LABORATORY REPORT, TOTAL RECOVERABLE METALS IN WATER

TO: DAVID O LEDERER, US EPA REGION I

AUTHOR: WILLIAM J ANDRADE, US EPA REGION 1

DOC ID: 209657

09/18/2003

19 PAGES

25. SAMPLING & ANALYSIS DATA: TOTAL RECOVERABLE METALS IN WATER, 120 **PECKHAM**

AUTHOR: US EPA REGION I

DOC ID: 209650

09/20/2003

1 PAGE

26. MEMO: SHPACK LANDFILL SITE PRIVATE WELL SAMPLING DATA

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: DANIEL S GRANZ, US EPA REGION 1

DOC ID: 209656

09/24/2003

2 PAGES

27. LETTER: SUMMARY OF WELL MONITORING RESULTS FOR 59 AND 68 UNION ROAD, 14 NORTH WORCESTER, 35, 36, 82, 83, 94, AND 95 MAPLE STREET, 70, 77, 100, AND 106 PECKHAM STREET

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 209655

11/04/2003

13.COMMUNITY RELATIONS (cont)

28. SAMPLING & ANALYSIS DATA: LABORATORY REPORT, VOAS IN DRINKING WATER

TO: DANIEL S GRANZ, US EPA REGION 1

AUTHOR: WILLIAM J ANDRADE, US EPA REGION 1

DOC ID: 209654 02/04/2004 17 PAGES

29. SAMPLING & ANALYSIS DATA: LABORATORY REPORT, TOTAL RECOVERABLE METALS IN WATER

TO: DANIEL S GRANZ, US EPA REGION 1

AUTHOR: WILLIAM J ANDRADE, US EPA REGION 1

DOC ID: 209653 02/17/2004 8 PAGES

30. LETTER: SUMMARY OF WELL MONITORING RESULTS FOR 77 PECKHAM STREET

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 209652 02/23/2004 10 PAGES

31. MEMO: SHPACK LANDFILL SITE PRIVATE WELL SAMPLING DATA

TO: DAVID O LEDERER, US EPA REGION 1 AUTHOR: DANIEL S GRANZ, US EPA REGION 1 DOC ID: 209651 02/23/2004 10 PAGES

DOC ID: 209651 02/23/2004 10 PAGES

32. PRESS RELEASE: THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ANNOUNCES THE AVAILABILITY OF THE ADMINISTRATIVE RECORD, AND THE RESCHEDULING OF A PUBLIC MEETING, HEARING, AND PUBLIC COMMENT PERIOD ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK LANDFILL SUPERFUND SITE

AUTHOR: US EPA REGION I

DOC ID: 213581 06/18/2004 1 PAGE

33. FACT SHEET: INVITATION TO PUBLIC INFORMATION MEETING AND PUBLIC HEARING ON THE PROPOSED CLEANUP PLAN

AUTHOR: US EPA REGION 1

DOC ID: 210474 06/23/2004 1 PAGE

13.COMMUNITY RELATIONS (cont)

34. PRESS RELEASE: THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ANNOUNCES THE EXTENSION TO THE PUBLIC COMMENT PERIOD AND RESCHEDULING OF THE PUBLIC HEARING ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK LANDFILL SUPERFUND SITE

AUTHOR: US EPA REGION 1

DOC ID: 213582

07/21/2004

1 PAGE

35. PUBLIC MEETING RECORD: PUBLIC HEARING FOR THE PROPOSED CLEANUP PLAN

DOC ID: 213801

08/04/2004

62 PAGES

36. NEWS CLIPPING: EDITORIAL COMMENTING ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE, WITH HANDWRITTEN NOTE ATTACHED

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: WILLIAM GOUVEIA, NORTON MIRROR

DOC ID: 213809

08/13/2004

2 PAGES

14. CONGRESSIONAL RELATIONS

1. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: ROBERT W VARNEY, US EPA REGION I

AUTHOR: BARNEY FRANK, US HOUSE OF REPRESENTATIVES

DOC ID: 213814

08/04/2004

2 PAGES

2. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: CHRISTOPHER QUINN, ATTLEBORO (MA) CITY OF

JAMES MOONEY, ATTLEBORO BOARD OF HEALTH

DOC ID: 213817

08/23/2004

2 PAGES

3. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: JOHN A LEPPER, MA HOUSE OF REPRESENTATIVES

DOC ID: 213819

08/23/2004

14.CONGRESSIONAL RELATIONS (cont)

4. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

DOC ID: 213815 08/24/2004 20 PAGES

5. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: DAVID O LEDERER, US EPA REGION 1

AUTHOR: BARRY K LACASSE, ATTLEBORO (MA) CITY OF

DOC ID: 213816 08/24/2004 2 PAGES

6. LETTER: COMMENTS ON THE PROPOSED CLEANUP PLAN FOR THE SHPACK SUPERFUND SITE

TO: WALTER J THIBODEAU, ATTLEBORO (MA) CITY OF

AUTHOR: WALTER J THIBODEAU, ATTLEBORO (MA) CITY OF

DOC ID: 213818 08/24/2004 1 PAGE

16. NATURAL RESOURCE TRUSTEE

1. LETTER: NO ENDANGERED SPECIES OCCUR IN PROJECT AREA
TO: CHRISTINE BLUNDELL, ENVIRONMENTAL RESOURCES MANAGEMENT
AUTHOR: GORDON E BECKETT, US DOI/US FISH & WILDLIFE SERVICE
DOC ID: 200423 10/15/1992 1 PAGE

2. LETTER: TRANSMITTAL OF REMEDIAL INVESTIGATION DOCUMENTS

TO: DALE YOUNG, MA DEPT OF ENVIRONMENTAL PROTECTION KENNETH C CARR, US DOI/US FISH & WILDLIFE SERVICE

AUTHOR: DAVID O LEDERER, US EPA REGION 1

DOC ID: 200440 09/23/2002 1 PAGE

17. SITE MANAGEMENT RECORDS

1. LETTER: NORTON ABANDONED INDUSTRIAL WASTE DISPOSAL AREA OFF UNION ROAD

TO: JOHN SULLIVAN, ATTLEBORO (MA) RESIDENT

AUTHOR: JEFFREY GOULD E, DIVISION OF WATER POLLUTION CONTROL

DOC ID: 200444 09/13/1978 1 PAGE

2. LETTER: NORTON - SOLID WASTE DISPOSAL, ABANDONED INDUSTRIAL WASTE LOCATED ON UNION ROAD ADJACENT TO ATTLEBORO LANDFILL

TO: NORTON (MA) BOARD OF HEALTH

AUTHOR: ROBERT P FAGAN, MA EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

DOC ID: 200442

09/29/1978 1 PAGE

3. MEMO: RADIATION INCIDENT - ATTLEBORO/NORTON
TO: GERALD PARKER S, MA DEPT OF PUBLIC HEALTH
AUTHOR: GEORGE SWIBLE, MA DEPT OF ENVIRONMENTAL PROTECTION
DOC ID: 200443 06/07/1979 4 PAGES

4. LETTER: PRELIMINARY REPORT OF E G & G AERIAL RADIOLOGICAL SURVEY OF THE FORMER SHPACK LANDFILL

TO: RAYMOND PATENAUDE, NORTON BOARD OF SELECTMEN

AUTHOR: WILLIAM E MOTT, US DEPT OF ENERGY

DOC ID: 201270 01/07/1980 9 PAGES

5. REPORT: REPORT ON RESULTS OF ANALYSIS OF TEST WELL WATER AT ATTLEBORO LANDFILL SITE

AUTHOR: DOUGLAS R SHEARER

DOC ID: 200457 03/10/1980 12 PAGES

6. LETTER: SHPACK/ATTLEBORO WASTE DISPOSAL SITES
TO: DAVID K HILL, NORTON CONSERVATION COMMISSION

AUTHOR: WILLIAM F CASS, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200445 04/03/1980 1 PAGE

17.SITE MANAGEMENT RECORDS (cont)

7. LETTER: ATTLEBORO - SOLID WASTES - GROUNDWATER MONITORING PROGRAM FOR ATTLEBORO LANDFILL INC. PECKHAM STREET

TO: GERALD J KEANE, ATTLEBORO (MA) TOWN OF

AUTHOR: MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200446 12/09/1980 2 PAGES

8. LETTER: EXECUTED ACCESS AGREEMENT; FORMER SHPACK LANDFILL FUSRAP SITE

TO: LEO G YELLE, NORTON CONSERVATION COMMISSION

AUTHOR: E L KELLER, US DEPT OF ENERGY

DOC ID: 200421

07/07/1981

5 PAGES

9. REPORT: GUIDANCE DOCUMENT FOR PROVIDING ALTERNATE WATER SUPPLIES

AUTHOR: US EPA - OFFICE OF SOLID WASTE & EMERGENCY RESPONSE

DOC ID: 200424 02/01/1

02/01/1988 66 PAGES

10. LETTER: REQUEST FOR ADDITIONAL INFORMATION ON THE ATTLEBORO LANDFILL CLOSURE PLAN

TO: ALBERT DUMONT, ATTLEBORO LANDFILL INC

AUTHOR: DAVID B ELLIS, MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200448 10/11/1994 7 PAGES

11. LETTER: COMMENTS ON THE ATTLEBORO LANDFILL INC (ALI) CLOSURE PLAN

TO: ROBERT JOHNSON, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

DOC ID: 200447 10/13/1994

12. PHOTOGRAPH: SIX PHOTOS OF THE ATTLEBORO LANDFILL PERIMETER ROAD TEST PITS, ALONG THE SHPACK BORDER

6 PAGES

DOC ID: 200450

11/17/1994

2 PAGES

13. MISC: MEETING NOTES ON THE ATTLEBORO LANDFILL AUTHOR: MA DEPT OF ENVIRONMENTAL PROTECTION

DOC ID: 200451

11/21/1994

17.SITE MANAGEMENT RECORDS (cont)

14. LETTER: REVIEW OF ERM'S COMMENTS ON THE ATTLEBORO LANDFILL INC (ALI) CLOSURE PLAN

TO: VICKIE BLETSO, WRIGHT & MOEHRKE

AUTHOR: NEIL S SHIFRIN, GRADIENT CORPORATION

DOC ID: 200452 01/10/1995 6 PAGES

15. LETTER: RESPONSES TO ERM'S COMMENTS ON THE ATTLEBORO LANDFILL INC (ALI) CLOSURE PLAN

TO: DAVID O LEDERER, US EPA REGION 1

ROBERT JOHNSON, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: VICKIE BLETSO, WRIGHT & MOEHRKE

DOC ID: 200453

02/07/1995

2 PAGES

16. LETTER: RESPONSES TO WRIGHT & MOEHRKE'S CORRESPONDENCE TO EPA AND DEP REGARDING THE ALI AND SHPACK LANDFILL

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: DUANE A WANTY, ERM NEW ENGLAND INC

ROBERT J FOXEN, ERM NEW ENGLAND INC

DOC ID: 200454

02/27/1995

5 PAGES

17. LETTER: RESULTS OF ADDITIONAL FILE REVIEW OF ATTLEBORO LANDFILL INC (ALI), DISCUSSION WITH DEP PROJECT MANAGER AND SITE VISIT [PORTIONS BARELY LEGIBLE]

TO: FRANCIS J VEALE, SHPACK STEERING COMMITTEE

AUTHOR: DUANE A WANTY, ERM NEW ENGLAND INC

ROBERT J FOXEN, ERM NEW ENGLAND INC

DOC ID: 200455

07/02/1996

5 PAGES

18. LETTER: SHPACK STEERING COMMITTEE COMMENTS ON THE ATTLEBORO LANDFILL CLOSURE DEFICIENCIES

TO: CATHY DORS, MA DEPT OF ENVIRONMENTAL PROTECTION

AUTHOR: DUANE A WANTY, ERM NEW ENGLAND INC

ROBERT J FOXEN, ERM NEW ENGLAND INC

DOC ID: 200456

09/30/1996

17.SITE MANAGEMENT RECORDS (cont)

19. WORK PLAN: SITE MANAGEMENT PLAN

TO: SHPACK STEERING COMMITTEE

AUTHOR: ENVIRONMENTAL RESOURCES MANAGEMENT

DOC ID: 200422

12/01/2001

29 PAGES

20. REPORT: HISTORICAL AERIAL PHOTOGRAPHS (16) OF SHPACK LANDFILL, WITH TRANSMITTAL LETTERS TO DAVID LEDERER, EPA REGION 1 ON 4/1/04 AND 4/15/04

AUTHOR: US EPA - ENVIRONMENTAL PHOTOGRAPHIC INTERPRETATION CTR (EPIC)

DOC ID: 200478

04/01/2004

18 PAGES

21. REPORT: INTERIM HISTORICAL AERIAL PHOTOGRAPHIC ANALYSIS REPORT, WITH TRANSMITTAL TO DAVID LEDERER, EPA REGION 1 ON 4/19/04

AUTHOR: US EPA - ENVIRONMENTAL PHOTOGRAPHIC INTERPRETATION CTR (EPIC)

DOC ID: 200477

04/01/2004

12 PAGES

20. RECORDS MANAGEMENT

1. INDEX: LIST OF GUIDANCE DOCUMENTS FOR SHPACK LANDFILL RECORD OF DECISION (ROD) PROPOSED PLAN ADMINISTRATIVE RECORD

AUTHOR: US EPA REGION 1

DOC ID: 210631

05/05/2004

Superfund Records Center

OTHER:

EPA guidance documents may be reviewed at the EPA Region | Superfund Records Center in Boston, Massachusetts.

TITLE

EPA GUIDE FOR IDENTIFYING CLEANUP ALTERNATIVES AT HAZARDOUS-WASTE SITES AND SPILLS: BIOLOGICAL TREATMENT

DOCDATE

OSWER/EPA ID

DOCNUMBER

EPA-600/3-83-063

TITLE

ROLE OF ACUTE TOXICITY BIOASSAYS IN THE REMEDIAL ACTION PROCESS AT HAZARDOUS WASTE SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1987

EPA/600/8-87/044

5012

2303

TITLE

QUALITY CRITERIA FOR WATER 1986

DOCDATE 5/1/1987

OSWER/EPA IO

DOCNUMBER

EPA/440/5-86-001

4003

TITLE

GUIDELINES FOR GROUND-WATER CLASSIFICATION UNDER THE EPA GROUND-WATER PROTECTION STRATEGY (DRAFT)

DOCDATE 12/1/1986

OSWER/EPA ID

DOCNUMBER

2404

TITLE

GROUND-WATER PROTECTION STRATEGY

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1984 EPA/440/6-84-002

TITLE

GUIDELINES FOR THE HEALTH RISK ASSESSMENT OF CHEMICAL MIXTURES (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 34014)

DOCDATE 9/24/1986

OSWER/EPA ID

DOCNUMBER

5007

TITLE

GUIDELINES FOR CARCINOGEN RISK ASSESSMENT (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 33992)

DOCDATE 9/24/1986

OSWER/EPA ID

DOCNUMBER

5003

TILE

GUIDELINES FOR EXPOSURE ASSESSMENT (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 34042)

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/24/1986

5004

GUIDELINES FOR HEALTH ASSESSMENT OF SUSPECT DEVELOPMENTAL TOXICANTS (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 34028)

DOCDATE 9/24/1986

OSWER/EPA ID

DOCNUMBER 5005

TITLE

GUIDELINES FOR MUTAGENICITY RISK ASSESSMENT (FEDERAL REGISTER, SEPTEMBER, 24, p. 34006

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/24/198€

5006

TITLE

PROTOCOL FOR GROUND-WATER EVALUATIONS

DOCDATE

OSWERJEPA ID

DOCNUMBER

9/1/1986

OSWER #9080,0-1

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT(TEGD)

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1986

OSWER #9950.1

2407

TITLE

MANAGEMENT OF INVESTIGATION-DERIVED WASTES DURING SITE INSPECTIONS.

DOCDATE 5/1/1991

OSWER/EPA ID EPA/540/G-91/009

DOCNUMBER C189

OPERATION AND MAINTENANCE INSPECTION GUIDE (RCRA GROUND-WATER MONITORING SYSTEMS)

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/30/1988

OSWER #9950-3

TITLE

TECHNICAL GUIDANCE DOCUMENT: CONSTRUCTION QUALITY ASSURANCE FOR HAZARDOUS WASTE LAND DISPOSAL FACILITIES

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1986 OSWER #9472.003 2211

TITLE

RCRA GUIDANCE DOCUMENT: LANDFILL DESIGN LINER SYSTEMS AND FINAL COVER (DRAFT)

DOCDATE

OSWERJEPA ID

DOCNUMBER 2208

7/1/1982

TITLE

LINING OF WASTE CONTAINMENT AND OTHER IMPOUNDMENT FACILITIES

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1988

EPA/600/2-88/052

2205

COMPENDIUM OF SUPERFUND FIELD OPERATIONS METHODS

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1987 OSWER #9355.0-14 2100

TITLE

FIELD SCREENING METHODS CATALOG: USER'S GUIDE

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1988

EPA/540/2-88/005

2105

TITLE

HEALTH EFFECTS ASSESSMENT DOCUMENTS (58 CHEMICAL PROFILES)

DOCDATE

OSWER/EPA IO

DOCNUMBER

9/1/1984

EPA/540/1-86/001-058 5008

TITLE

INTEGRATED RISK INFORMATION SYSTEM (IRIS) [A COMPUTER-BASED HEALTH RISK INFORMATION SYSTEM AVAILABLE THROUGH E-MAIL-BROCHURE ON ACCESS IS INCLUDED)

DOCDATE

OSWER/EPA ID

OSWER/EPA IO

DOCNUMBER

5009

TITLE

PUBLIC HEALTH RISK EVAUATION DATABASE (PHRED) [USER'S MANUAL AND TWO DISKETTES CONTAINING THE DBASEIII PLUS SYSTEM

ARE INCLUDED)

DOCDATE

DOCNUMBER

9/16/1988

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

LABORATORY DATA VALIDATION FUNCTIONAL GUIDEUNES FOR EVALUATING ORGANICS ANALYSES (DRAFT)

OSWER/EPA ID

DOCNUMBER

2/1/1988

LABORATORY DATA VALIDATION FUNCTIONAL GUIDELINES FOR EVALUATING INORGANICS ANALYSES (DRAFT)

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1988

2113

2114

TITLE

USER'S GUIDE TO THE CONTRACT LABORATORY PROGRAM

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1988 OSWER #9240.0-1 2119

TITLE

GUIDANCE MANUAL ON THE RCRA REGULATION OF RECYCLED HAZARDOUS WASTES

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1986

OSWER #9441.00-2

3004

TITLE

INTERIM RCRA/CERCLA GUIDANCE ON NON-CONTIGUOUS SITES AND ON-SITE MANAGEMENT OF WASTE AND TREATMENT RESIDUE

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/27/1986

OSWER #9347.0-1

3005

TITLE

EXPANDED SITE INSPECTION (ESI) TRANSITIONAL GUIDANCE FOR FY-88

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1987

OSWER #9345.1-02

0001

PRELIMINARY ASSESSMENT (PA) GUIDANCE FISCAL YEAR 1988

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1988

OSWER #9345.0-01

0002

TITLE

FIELD SCREENING FOR ORGANIC CONTAMINANTS IN SAMPLES FROM HAZARDOUS WASTE SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/2/1986

2104

TITLE

EPA GUIDE FOR MINIMIZING ADVERSE ENVIRONMENTAL EFFECTS OF CLEANUP OF UNCONTROLLED HAZARDOUS-WASTE SITES

DOCDATE

OSWER/FPA ID

DOCNUMBER

6/1/1985

EPA/600/8-85/008

2001

TITLE

CERCLA REMOVAL ACTIONS AT METHANE RELEASE SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/23/1986

OSWER #9360.0-8

1000

TITLE

REMOVAL COST MANAGEMENT MANUAL

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1988

OSWER #9360.0-028

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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SUPERFUND REMOVAL PROCEDURES, REVISION #3

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/1/1988

OSWER #9360,0-03B

1006

TITLE

EMERGENCY RESPONSE PROCEDURES FOR CONTROL OF HAZARDOUS SUBSTANCE RELEASES

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1983

EPA-600/D-84-023

1002

TITLE

ROLE OF EXPEDITED RESPONSE ACTIONS (EPA) UNDER SARA

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/21/1987

OSWER #9380.0-15

1007

TITLE

INTERIM FINAL GUIDANCE ON REMOVAL ACTION LEVELS AT CONTAMINATED DRINKING WATER SITES

DOCDATE 10/6/1987

OSWER/EPA ID

DOCNUMBER

OSWER #9360.1-01

4002

TITLE

ENVIRONMENTAL REVIEW REQUIREMENTS FOR REMOVAL ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/13/1987 TITLE OSWER #9318.0-05

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1003

INTERIM GUIDANCE ON SUPERFUND SELECTION OF REMEDY

OSWER/EPA ID

DOCNUMBER

DOCDATE 12/24/1986

OSWER #9355.0-19

9000

TITLE

GUIDANCE ON IMPLEMENTATION OF THE "CONTRIBUTE TO EFFICIENT REMEDIAL PERFORMANCE" PROVISION

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/6/1987 OSWER #9360.0-13

13 1004

TITLE

RCRA/CERCLA DECISIONS MADE ON REMEDY SELECTION

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/24/1985

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COMPENDIUM OF TECHNOLOGIES USED IN THE TREATMENT OF HAZARDOUS WASTES

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1987

EPA/625/8-87/014

2300

9001

TITLE

ALTERNATE CONCENTRATION LIMIT GUIDANCE PART 1, ACL POLICY AND INFORMATION REQUIREMENTS

DOCDATE 7/1/1987 OSWER/EPA ID
OSWER #9481.00-6C

DOCNUMBER

TITLE
APPLICABILITY OF THE HSWA MINIMUM TECHNICAL REQUIREMENTS RESPECTING LINERS AND LEACHATE COLLECTION SYSTEMS

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1985

OSWER #9480.01(85)

3000

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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CARBON ABSORPTION ISOTHERMS FOR TOXIC ORGANICS

DOCDATE

OSWER/EPA ID EPA/600/8-80-023 **DOCNUMBER**

4/1/1980

TITLE

COVERS FOR UNCONTROLLED HAZARDOUS WASTE SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1985 EPA/540/2-85/002 2200

2301

TITLE

DATA QUALITY OBJECTIVES FOR REMEDIAL RESPONSE ACTIVITIES: DEVELOPMENT PROCESS

DOCDATE 3/1/1987

OSWER/EPA ID

DOCNUMBER

EPA/540/G-87/003

2101

TITLE

DATA QUALITY OBJECTIVES FOR REMEDIAL RESPONSE ACTIVITIES: EXAMPLE SCENARIO: RVFS ACTIVITIES AT A SITE W/ CONTAMINATE!

SOILS AND GROUNDWATER

DOCDATE

3/1/1987

OSWER/EPA ID EPA/540/G-87/004 **DOCNUMBER**

2102

TITLE

DESIGN AND DEVELOPMENT OF A HAZARDOUS WASTE REACTIVITY TESTING PROTOCOL

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/1/1984 EPA-600/2-84-057

2103

TITLE

ENGINEERING HANDBOOK FOR HAZARDOUS WASTE INCINERATION

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1981

OSWER #9488.00-5

2302

TITLE

EPA GUIDE FOR INFECTIOUS WASTE MANAGEMENT

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/1/1986

OSWER #9410.00-2

2304

TITLE

EVALUATING COVER SYSTEMS FOR SOLID AND HAZARDOUS WASTE

DOCDATE 9/1/1982

OSWER/EPA ID OSWER #9476,00-1 **DOCNUMBER**

FIELD STANDARD OPERATING PROCEDURES MANUAL #4-SITE ENTRY

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1985

OSWER #9285.2-01

2202

TITLE

FIELD STANDARD OPERATING PROCEDURES MANUAL #6-WORK ZONES

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1985

OSWER #9285.2-04

2107

TITLE

FIELD STANDARD OPERATING PROCEDURES MANUAL #8 AIR SURVEILLANCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1985

OSWER #9285.2-03

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FIELD STANDARD OPERATING PROCEDURES MANUAL #9-SITE SAFETY PLAN

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1985

OSWER #9285.2-05

2109

TITLE

GEOPHYSICAL METHODS FOR LOCATING ABANDONED WELLS

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1984

EPA-600/4-84-065

2110

TITLE

GEOPHYSICAL TECHNIQUES FOR SENSING BURIED WASTES AND WASTE MIGRATION

DOCDATE

OSWERIEPA ID

DOCNUMBER

6/1/1984 EPA-600/7-84/064 2111

TITLE

GUIDANCE DOCUMENT FOR CLEANUP OF SURFACE IMPOUNDMENT SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/1/1986

OSWER #9380.0-06

2305

TITLE

GUIDANCE DOCUMENT FOR CLEANUP OF SURFACE TANK AND DRUM SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/28/1985

OSWER #9380.0-03

2306

INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA.

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1988 OSWER #9355.3-01

2002

TITLE

GUIDANCE MANUAL FOR MINIMIZING POLLUTION FROM WASTE DISPOSAL SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1978

FPA-600/2-78-142

2203

GUIDELINES AND SPECIFICATIONS FOR PREPARING QUALITY ASSURANCE PROGRAM DOCUMENTATION

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/1/1987

2112

HANDBOOK FOR EVALUATING REMEDIAL ACTION TECHNOLOGY PLANS

DOCDATE

OSWER/EPA IO

DOCNUMBER

8/1/1983

EPA-600/2-83-076

2307

TITLE

HANDBOOK FOR STABILIZATION/SOLIDIFICATION OF HAZARDOUS WASTE

DOCDATE

OSWER/EPA ID EPA/540/2-86-001 DOCNUMBER

6/1/1986

TITLE LEACHATE PLUME MANAGEMENT

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1985

EPA/540/2-85/004

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LINING OF WASTE IMPOUNDMENT AND DISPOSAL FACILITIES

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1983

OSWER #9480.00-4

2206

MOBILE TREATMENT TECHNOLOGIES FOR SUPERFUND WASTES

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1986

EPA/540/2-86-003F

2311

TITLE

PRACTICAL GUIDE-TRIAL BURNS FOR HAZARDOUS WASTE INCINERATORS

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1986

EPA/600/2-86/050

2312

TITLE

PRACTICAL GUIDE-TRIAL BURNS FOR HAZARDOUS WASTE INCINERATORS, PROJECT SUMMARY

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1986

EPA/600/S2-86/050

2313

TITLE

PROCEDURES FOR MODELING FLOW THROUGH CLAY LINERS TO DETERMINE REQUIRED LINER THICKNESS (DRAFT)

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1984

OSWER #9480.00-9D

2207

TITLE

PROHIBITION ON THE PLACEMENT OF BULK LIQUID HAZARDOUS WASTE IN LANDFILLS-STATUTORY INTERPRETIVE GUIDANCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/11/1986

OSWER #9487.00-2A

2314

TITLE

REVIEW OF IN-PLACE TREATMENT TECHNIQUES FOR CONTAMINATED SURFACE SOILS-VOL. 1: TECHNICAL EVALUATION

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/19/1984

EPA/540/2-84-0038

2316

2008

TITLE

RIFS IMPROVEMENTS

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/23/1987

OSWER #9355.0-20

RIFS IMPROVEMENTS FOLLOW-UP

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/25/1988

OSWER #9355.3-05

TITLE

SEDIMENT SAMPLING QUALITY ASSURANCE USER'S GUIDE

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1985

EPA/600/4-85/04E

2116

TITLE

SETTLEMENT AND COVER SUBSIDENCE OF HAZARDOUS WASTE LANDFILLS: PROJECT SUMMARY

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/1/1985

EPA-600/S2-85-035

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

SLURRY TRENCH CONSTRUCTION FOR POLLUTION MIGRATION CONTROL

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/1/1984

EPA/540/2-84-001

2317

TITLE

SOIL SAMPLING QUALITY ASSURANCE USER'S GUIDE, SUPERSEDED BY C091 IN REGIONAL COMPENDIUM.

DOCDATE

OSWER/FPA ID

DOCNUMBER

5/1/1984

EPA 600/4-84/043

2117

TITLE

SUPPLEMENTARY GUIDANCE ON DETERMINING LINER/LEACHATE COLLECTION SYSTEM COMPATIBILITY

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/7/1986 OSWER #9480.00-13 2210

TITLE

SYSTEMS TO ACCELERATE IN SITU STABILIZATION OF WASTE DEPOSITS

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1986

EPA 540/2-86/002

OSWER/EPA ID

2318

TEST METHODS FOR EVALUATING SOLID WASTE, LABORATORY MANUAL PHYSICAL/CHEMICAL METHODS, THIRD EDITION (VOLUMES IA,

18. IC. AND II)

DOCDATE 11/1/1986

DOCNUMBER

TREATMENT OF REACTIVE WASTES AT HAZARDOUS WASTE LANDFILLS: PROJECT SUMMARY

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1984 EPA/600/S2-83/118

TITLE

TREATMENT TECHNOLOGY BRIEFS: ALTERNATIVES TO HAZARDOUS WASTE LANDFILLS

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1986 EPA/600/8-86/017

2320

TITLE

TECHNOLOGY SCREENING GUIDE FOR TREATMENT OF CERCLA SOILS AND SLUDGES

DOCDATE 9/1/1988

OSWER/EPA ID

DOCNUMBER

EPA 540/2-88/004

2319

TITLE

COSTS OF REMEDIAL RESPONSE ACTIONS AT UNCONTROLLED HAZARDOUS WASTE SITES

DOCDATE

1/1/1981

DOCNUMBER

1001

REMEDIAL ACTION COSTING PROCEDURES MANUAL

OSWER/EPA ID

DOCDATE 10/1/1987

OSWER/EPA ID

DOCNUMBER

TITLE

GUIDANCE DOCUMENT FOR PROVIDING ALTERNATE WATER SUPPLIES

DOCDATE

OSWER/EPA IO

DOCNUMBER

2/1/1988

OSWER #9355.3-03

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INFORMATION ON DRINKING WATER ACTION LEVELS

DOCDATE	
414014000	

OSWER/EPA ID

DOCNUMBER

4/19/1988

1005

TITLE

PRACTICAL GUIDE FOR GROUND-WATER SAMPLING

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1985

EPA/600/2-85/104

2115

TITLE

CRITERIA FOR IDENTIFYING AREAS OF VULNERABLE HYDROGEOLOGY UNDER RCRA: STATUTORY INTERPRETIVE GUIDANCE

DOCDATE

OSWERJEPA ID

DOCNUMBER

7/1/1986

OSWER #9472.00-2A

2400

2401

TITLE

FINAL RCRA COMPREHENSIVE GROUND-WATER MONITORING EVALUATION (CME) GUIDANCE DOCUMENT

DOCDATE 12/19/1986

OSWER/EPA ID

DOCNUMBER

OSWER #9950.2

TITLE

GROUND-WATER MONITORING AT CLEAN-CLOSING SURFACE IMPOUNDMENT AND WASTE PILE UNITS

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/31/1988 OSWER #9476,00-14 2402

TITLE

RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT, TEGD: EXECUTIVE SUMMARY

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1987

OSWER #9950.1-a

2408

TITLE

SUPERFUND FEDERAL-LEAD REMEDIAL PROJECT MANAGEMENT HANDBOOK (DRAFT)

OSWER/EPA ID

DOCNUMBER

DOCDATE 12/1/1986

OSWER #9355.1-1

2010

TITLE

HANDBOOK REMEDIAL ACTION AT WASTE DISPOSAL SITES (REVISED)

DOCDATE

OSWER/EPA ID EPA/625/6-85/006 **DOCNUMBER**

10/1/1985

TITLE LAND DISPOSAL RESTRICTIONS

DOCDATE

DOCNUMBER

8/11/1987

OSWER/EPA ID

2204

2309

MODELING REMEDIAL ACTIONS AT UNCONTROLLED HAZARDOUS WASTE SITES (VOL. HIV

DOCDATE 4/1/1985

OSWER/EPA ID OSWER #9355.0-08

DOCNUMBER 2004

TITLE

REVIEW OF IN-PLACE TREATMENT TECHNIQUES FOR CONTAMINATED SURFACE SOILS-VOL. 2: BACKGROUND INFORMAITON FOR IN-SITU

TREATMENT

DOCDATE OSWER/EPA ID **DOCNUMBER**

11/1/1984

EPA-540/2-84-003b

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SUPERFUND REMEDIAL DESIGN AND REMEDIAL ACTION GUIDANCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/1/1986

OSWER #9355,0-4A

2011

TITLE

CASE STUDIES 1-23: REMEDIAL RESPONSE AT HAZARDOUS WASTE SITES

DOCDATE 3/1/1984

OSWER/EPA ID

DOCNUMBER

EPA 540/2-84/0028

TITLE

REMEDIAL RESPONSE AT HAZARDOUS WASTE SITES: SUMMARY REPORT

DOCDATE 3/1/1984

OSWER/EPA ID

DOCNUMBER

EPA 540/2-84/002A

2006

2000

TITLE

REVISED PROCEDURES FOR IMPLEMENTING OFF-SITE RESPONSE ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/13/1987

OSWER #9834.11

2007

SUPERFUND STATE-LEAD REMEDIAL PROJECT MANAGEMENT HANDBOOK

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1986

OSWER #9355.2-1

TITLE

ATSOR HEALTH ASSESSMENTS ON NPL SITES (DRAFT)

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/16/1986

5000

TITLE

FINAL GUIDANCE FOR THE COORDINATION OF ATSOR HEALTH ASSESSMENT ACTIVITIES WITH THE SUPERFUND REMEDIAL PROCESS

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/14/1987 OSWER #9285.4-02

5002

DILE

JOINT CORPS/EPA GUIDANCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/24/1983

OSWER #9295.2-02

2003

POLICY ON FLOOD PLAINS AND WETLAND ASSESSMENTS FOR CERCLA ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1985

OSWER #9280.0-02

2005

TITLE

EPA'S IMPLEMENTATION OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1981

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/21/1987 TITLE

CERCLA COMPLIANCE WITH OTHER ENVIRONMENTAL STATUTES

OSWER/EPA ID

DOCNUMBER

10/2/1985

OSWER #9234.0-2

3001

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TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL (DRAFT)

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/8/1988

OSWER #9234.1-01

3002

TITLE

INTERIM GUIDANCE ON POTENTIALLY RESPONSIBLE PARTY PARTICIPATION IN REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/16/1988

OSWER #9835.1a

8001

TITLE

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK (INTERIM VERSION). INCLUDES CHAPTER 6, DATED 11/03/88.

DOCDATE 6/1/1988

OSWER/EPA ID

DOCNUMBER

OSWER #9230,0-038

7000

TITLE

ENDANGERMENT ASSESSMENT GUIDANCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/22/1985

OSWER #9850.0-1

8000

TITLE

SUPERFUND EXPOSURE ASSESSMENT MANUAL

DOCDATE 4/1/1988

OSWER/EPA ID

DOCNUMBER

OSWER #9285.5-1

5013

SUPERFUND PUBLIC HEALTH EVALUATION MANUAL

DOCOATE

OSWER/EPA ID

DOCNHMBER

10/1/1986 OSWER #9285,4-1 5014

5001

TITLE

CHEMICAL, PHYSICAL & BIOLOGICAL PROPERTIES OF COMPOUNDS PRESENT AT HAZARDOUS WASTE SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/27/1985

OSWER #9850.3

TITLE

TOXICOLOGY HANDBOOK

DOCDATE 8/1/1985

OSWER/EPA ID OSWER #9850.2

DOCNUMBER 5015

INTERIM POLICY FOR ASSESSING RISKS OF "DIOXINS" OTHER THAN 2,3,7,8-TCDD

DOCDATE

1/7/1987

OSWER/EPA ID

DOCNUMBER

TITLE

INDEX TO COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS

0000

DOCDATE 5/1/1989

OSWER/EPA ID

DOCNUMBER

TITLE

GUIDANCE ON NON-NPL REMOVAL ACTIONS INVOLVING NATIONALLY SIGNIFICANT OR PRECEDENT SETTING ISSUES

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/3/1989

OSWER #9360.0-19

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ADVANCING THE USE OF TREATMENT TECHNOLOGIES FOR SUPERFUND REMEDIES

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/21/1989

OSWER #9355 0-26

2321

TITLE

RVFS IMPROVEMENTS PHASE II, STREAMLINING RECOMMENDATIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1989

OSWER #9355.3-06

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL PART II: CLEAN AIR ACT AND OTHER ENVIRONMENTAL STATUTES AND STATE

REQUIREMENTS

DOCDATE 8/1/1989

OSWER/EPA ID

DOCNUMBER

OSWER #9234.1-02

3013

TITLE

INTERIM GUIDANCE ON ESTABLISHING SOIL LEAD CLEANUP LEVELS AT SUPERFUND SITE:

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1989

OSWER #9355.4-02

3015

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME I, HUMAN HEALTH EVALUATION MANUAL

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/29/1989

OSWER #9285.7-01a

5023

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME II, ENVIRONMENTAL EVALUATION MANUAL

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1989

EPA/540/1-89/001

5024

TITLE

TECHNOLOGICAL APPROACHES TO THE CLEANUP OF RADIOLOGICALLY CONTAMINATED SUPERFUND SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1988 EPA/540/2-88/002

2328

TITLE

TREATMENT STANDARDS AND MINIMUM TECHNOLOGY REQUIREMENTS UNDER LAND DISPOSAL RESTRICTIONS (LDR)

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989

OSWER #9347.3-03FS

3018

TOXICOLOGICAL PROFILE FOR 2, 3, 7, 8 - TETRACHLORO-DIBENZO-P-DIOXIN

DOCDATE OSWER/EPA ID DOCNUMBER

6/1/1989

TITLE GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1988

OSWER #9283,1-2

2413

TITLE

GUIDE TO TREATMENT TECHNOLOGIES FOR HAZARDOUS WASTES AT SUPERFUND SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1989

EPA/540/2-89/052

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TITLE

LAND DISPOSAL RESTRICTIONS AS RELEVANT AND APPROPRIATE REQUIREMENTS FOR CERCLA CONTAMINATED SOIL AND DEBRIS

DOCDATE 6/5/1989

OSWER/EPA ID

OSWER #9347.2-01

DOCNUMBER 3016

TITLE

OPTIONS FOR INTERIM POLICY FOR SOIL INGESTION ASSUMPTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/4/1988

5022

TITLE

CONSIDERATIONS IN GROUND WATER REMEDIATION AT SUPERFUND SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/18/1989

OSWER #9355.4-03

2410

TITLE

MODEL STATEMENT OF WORK FOR A REMEDIAL INVESTIGATION AND FEASIBILITY STUDY CONDUCTED BY POTENTIALLY RESPONSIBLE

PARTIES

DOCDATE 6/2/1989

OSWER/EPA ID OSWER #9835.8 DOCNUMBER

2016

TITLE

GUIDANCE FOR SOIL INGESTION RATES

DOCDATE 1/27/1989

OSWER/EPA ID

DOCNUMBER

OSWER #9850.4

5021

TITLE

EXPOSURE FACTORS HANDBOOK

DOCDATE 7/1/1989

OSWER/EPA ID EPA/600/8-89/043 **DOCNUMBER**

5020

TITLE

TOXICOLOGICAL PROFILE FOR BENZENE

DOCDATE 5/1/1989

OSWER/EPA ID

DOCNUMBER

5029

TITLE

TOXICOLOGICAL PROFILE FOR HEPTACHLOR/HEPTACHLOR EPOXIDE

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1989

5035

TITLE

TOXICOLOGICAL PROFILE FOR 1, 4 - DICHLOROBENZENE

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1989

5026

TITLE

TOXICOLOGICAL PROFILE FOR DI(2-ETHYLHEXYL)PHTHALATE

DOCDATE 4/1/1989

OSWER/EPA ID

DOCNUMBER

5034

TITLE

TOXICOLOGICAL PROFILE FOR CHLOROFORM

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1989

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TOXICOLOGICAL PROFILE FOR CADMIUM

DOCDATE

OSWER/EPA ID

3/1/1989

TITLE

TOXICOLOGICAL PROFILE FOR CHROMIUM

DOCDATE 7/1/1989 OSWER/EPA ID

DOCNUMBER

DOCNUMBER

5033

5031

TITLE

TOXICOLOGICAL PROFILE FOR N-NITRO SODIPHENYLAMINE

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1988

5037

TITLE

TOXICOLOGICAL PROFILE FOR SELECTED PCB3 (AROCLOR-1260, -1254, -1248, -1242, -1232, -1221, AND -101-

DOCDATE 6/1/1989 OSWER/EPA ID

DOCNUMBER

5039

TITLE

TOXICOLOGICAL PROFILE FOR METHYLENE CHLORIDE

DOCDATE 4/1/1989 OSWER/EPA ID

DOCNUMBER

5036

TITLE

TOXICOLOGICAL PROFILE FOR TRICHLOROETHYLENE

DOCDATE 10/1/1989 OSWER/EPA ID

DOCNUMBER

5040

TITLE

TOXICOLOGICAL PROFILE FOR NICKEL

DOCDATE

OSWER/EPA 10

DOCNUMBER

12/1/1988

5038

TITLE

TOXICOLOGICAL PROFILE FOR VINYL CHLORIDE

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1989

5041

TITLE

TOXICOLOGICAL PROFILE FOR BERYLLIUM

DOCDATE 12/1/1988 OSWER/EPA ID

DOCNUMBER

5030

TITLE

TOXICOLOGICAL PROFILE FOR ARSENIC

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1989

5028

TITLE

EVALUATION OF GROUND-WATER EXTRACTION REMEDIES-VOLUME 1 SUMMARY REPORT

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1989

EPA/540/2-89/054

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

DETERMINING SOIL RESPONSE ACTION LEVELS BASED ON POTENTIAL CONTAMINANT MIGRATION TO GROUNDWATER: A COMPENDIUM

OF EXAMPLES

DOCDATE 10/1/1989

OSWER/EPA ID

EPA/540/2-89/057

DOCNUMBER 2411

TITLE

GUIDE FOR CONDUCTING TREATABILITY STUDIES UNDER CERCLA; INTERIM FINAL;

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1989

EPA/540/2-89/058

TITLE

GUIDE TO SELECTING SUPERFUND REMEDIAL ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1990

OSWER #9355.0-27FS

9002

TITLE

SUPERFUND LDR GUIDE #1 OVERVIEW OF RCRA LAND DISPOSAL RESTRICTIONS (LDRs

DOCDATE

OSWER/EPA ID DOCNUMBER

7/1/1989

OSWER #9347.3-01FS 2214

TITLE

SUPERFUND LDR GUIDE #2 COMPLYING WITH THE CALIFORNIA LIST RESTRICTIONS UNDER LAND DISPOSAL RESTRICTIONS (LDRs)

DOCDATE 7/1/1989

OSWER/FPA ID

DOCNUMBER

OSWER #9347.3-02FS 2215

TITLE

SUPERFUND LDR GUIDE #3 TREATMENT STANDARDS AND MINIMUM TECHNOLOGY REQUIREMENTS UNDER LAND DISPOSAL

RESTRICTIONS (LDRs)

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989

OSWER #9347_3-O3FS 2216

SUPERFUND LDR GUIDE #4 COMPLYING WITH THE HAMMER RESTRICTIONS UNDER LAND DISPOSAL RESTRICTIONS (LDRs)

DOCDATE

7/1/1989

OSWER/EPA ID DOCNUMBER OSWER #9347.3-04FS 2217

TITLE

SUPERFUND LDR GUIDE #\$ DETERMINING WHEN LAND DISPOSAL RESTRICTIONS (LDRs) ARE APPLICABLE TO CERCLA RESPONSE

ACTIONS

DOCDATE

OSWERJEPA ID

DOCNUMBER

7/1/1989

OSWER #9347.3-O5FS

2218

SUPERFUND LDR GUIDE #6A OBTAINING A SOIL AND DEBRIS TREATABILITY VARIANCE FOR REMEDIAL ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989

OSWER #9347.3-06FS

2219

TITLE

SUPERFUND LDR GUIDE #7 DETERMINING WHEN LAND DISPOSAL RESTRICTIONS (LDRs) ARE RELEVANT AND APPROPRIATE TO CERCU

RESPONSE ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1989

OSWER #9347.3-O8FS

2220

TITLE

APPLICABILITY OF LAND DISPOSAL RESTRICTIONS TO RCRA AND CERCLA GROUND WATER TREATMENT REINJECTION SUPERFUND

MANAGEMENT REVIEW: RECOMMENDATION NO.26

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/27/1989

OSWER #9234.1-06

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

INNOVATIVE TECHNOLOGY - SOIL WASHING [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1989

OSWER #9200.5-250FS 2327

TITLE

INNOVATIVE TECHNOLOGY - IN-SITU VITRIFICATION (QUICK REFERENCE FACT SHEET)

DOCDATE

OSWER/FPA ID

DOCNUMBER

11/1/1989

OSWER #9200.5-251FS 2325

INNOVATIVE TECHNOLOGY - SLURRY-PHASE BIODEGRADATION [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1989

OSWER #9200.5-252FS 2326

TITLE

INNOVATIVE TECHNOLOGY - GLYCOLATE DEHALOGENATION (QUICK REFERENCE FACT SHEET

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1989

OSWER #9200.5-254FS 2324

TITLE

INNOVATIVE TECHNOLOGY - BEST SOLVENT EXTRACTION PROCESS [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1989

OSWER #9200.5-253FS 2323

TITLE

GUIDE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER (QUICK REFERENCE FACT SHEET)

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1989

OSWER #9283.1-2FS

2409

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - SUMMARY OF PART II - CAA, TSCA, AND OTHER STATUTES [QUICK REFERENCE FACT

SHEET]

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1990

OSWER #9234.2-07FS 3012

TITLE

ARARS SHORT GUIDANCE QUARTERLY REPORT [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1989

OSWER #9234.3-00I

3007

TITLE

ARARS SHORT GUIDANCE QUARTERLY REPORT [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1990

OSWER #9234.3-00l

3008

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL, RCRA ARARS: FOCUS ON CLOSURE REQUIREMENTS

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1989

OSWER #9234.2-04FS

3017

TITLE

ARARS O'S & A'S (QUICK REFERENCE FACT SHEET)

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/1/1989

OSWER #9234.2-01FS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - CERCLA COMPLIANCE WITH STATE REQUIREMENTS (QUICK REFERENCE FACT

SHEET] DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1989

OSWER #9234.2-05FS 3009

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - OVERVIEW OF ARARS - FOCUS ON ARAR WAIVERS [QUICK REFERENCE FACT SHEET]

DOCDATE 12/1/1989

OSWER/EPA ID OSWER #9234.2-03FS

DOCNUMBER 3011

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - CERCLA COMPLIANCE WITH THE CWA AND SDWA (QUICK REFERENCE FACT SHEET)

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/1/1990

OSWER #9234.2-06F\$ 3010

TITLE

CONTROL OF AIR EMISSIONS FROM SUPERFUND AIR STRIPPERS AT SUPERFUND GROUNDWATER SITES

DOCDATE 6/15/1989

OSWER/EPA ID

DOCNUMBER

OSWER #9533.0-28

3014

TITLE

GETTING READY - SCOPING THE RIFS (QUICK REFERENCE FACT SHEET)

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1989

OSWER #9355.3-01F\$1 2013

TITLE

REMEDIAL INVESTIGATION - SITE CHARACTERIZATION AND TREATABILITY STUDIES [QUICK REFERENCE FACT SHEET]

DOCDATE 11/1/1989

DOCNUMBER OSWER #9355.3-01FS2 5025

TITLE

FEASIBILITY STUDY - DEVELOPMENT AND SCREENING OF REMEDIAL ACTION ALTERNATIVES [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID

OSWER/EPA ID

DOCNUMBER

11/1/1989

OSWER #9355.3-01FS3 2018

TITLE

FEASIBILITY STUDY: DETAILED ANALYSIS OF REMEDIAL ACTION ALTERNATIVES (QUICK REFERENCE FACT SHEET)

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1990

OSWER #9355.3-01FS4 2019

TITLE

TREATABILITY STUDIES UNDER CERCLA: AN OVERVIEW [QUICK REFERENCE FACT SHEET]

DOCDATE

OSWER/EPA ID OSWER #9380.3-02FS

DOCNUMBER 2020

12/1/1989

GUIDANCE ON REMEDIAL ACTIONS FOR SUPERFUND SITES WITH PCB CONTAMINATION

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1990

OSWER #9355.4-01

2014

TITLE

AIR/SUPERFUND NATIONAL TECHNICAL GUIDANCE STUDY SERIES VOLUME I - APPLICATION OF AIR PATHWAY ANALYSES FOR

SUPERFUND ACTIVITIES

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1988

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

	TITLE		
	AIRVSUPERFUN	NATIONAL TECHNICAL	GUIDANCE STUDY SERIES VOLUME II - ESTIMATION OF BASELINE AIR EMISSIONS AT SUPERFUND
	SITES DOCDATE	OSWERJEPA ID	DOCNUMBER
	1/1/1989	EPA/450/1-89/002	5017
	TITLE		
		D NATIONAL TECHNICAL SUPERFUND SITES	GUIDANCE STUDY SERIES VOLUME III - ESTIMATION OF AIR EMISSIONS FROM CLEANUP
	DOCDATE	OSWER/EPA ID	DOCNUMBER
	1/1/1989	EPA/450/1-89/003	5018
	TITLE		
		D NAT'L TECHNICAL GUIL OR AIR PATHWAY ANALY	DANCE STUDY SERIES - VOLUME IV PROCEDURES FOR DISPERSION MODELING AND AIR (SES (ORAET)
	DOCDATE	OSWER/EPA ID	DOCNUMBER
	12/1/1988		5019
	TITLE		
	ADDITIONAL INT	FERIM GUIDANCE FOR FI	ISCAL YEAR 1987 RECORDS OF DECISION. FINAL
	DOCDATE 7/24/1987	OSWER/EPA ID OSWER #9355.0-21	DOCNUMBER C001
	TITLE		
	ANALYSIS OF R	CRA CLOSURE OPTIONS	FOR SUPERFUND SITES IN SUPERFUND 1987: PROCEEDINGS OF THE 8TH NATIONAL
	DOCDATE	OSWER/EPA ID	DOCNUMBER C002
	TITLE		
	PROTECTION O	F WETLANDS: EXECUTIV	/E ORDER 11990, 42 FED. REG. 26961 (1977).
	DOCDATE 5/24/1977	OSWER/EPA ID	DOCNUMBER C003
	TITLE BIODEGRADATI	ON AND TREATABILITY (DF SPECIFIC POLLUTANTS.
	DOCDATE 10/1/1979	OSWER/EPA ID EPA 600/9-79-034	DOCNUMBER C007
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	TITLE		
		LIANCE WITH OTHER LA	WS MANUAL DRAFT GUIDANCE. SUPERSEDED BY 3002.
	DOCDATE	OSWER/EPA ID	DOCNUMBER
	5/6/1988	OSWER #9234.1-01	C009
	TITLE COMMUNITY RE	ELATIONS IN SUPERFUN	D: A HANDBOOK. INTERIM VERSION. SUPERSEDED BY 7000.
	DOCDATE	OSWER/EPA IO	DOCNUMBER
	9/1/1983	HW-6	C017
	TITLE COMPREHENS	IVE ENVIRONMENTAL RE	SPONSE, COMPENSATION, AND LIABILITY ACT OF 1980. AMENDED BY PL 99-499, 10/17/8
	DOCDATE	OSWER/EPA ID	DOCNUMBER
	10/17/198€		C018
	TITLE DEVELOPMENT	OF ADVISORY LEVELS	FOR POLYCHLORINATED BIPHENYLS (PCBS) CLEANUP.
	DOCDATE 5/1/1986	OSWERJEPA ID EPA 600/6-86/002	DOCNUMBER C019

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

DEVELOPMENT	OF STATISTICAL DISTR	RIBUTION OR RANGES STANDARD FACTORS USED IN EXPOSURE ASSESSMENTS.
DOCDATE 3/1/1985	OSWER/EPA ID EPA OHEA-E-16	DOCNUMBER C020
TITLE DRAFT GUIDAN	ICE FOR CONDUCTING	REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA. SUPERSEDED BY 2002.
DOCDATE 3/1/1988	OSWER/EPA ID OSWER #9335.3-01	DOCNUMBER C021
TITLE DRAFT GUIDAN	ICE ON REMEDIAL ACTI	ONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES.
DOCDATE 10/1/1986	OSWER/EPA ID OSWER #9283.1-2	DOCNUMBER C022
TITLE DRINKING WAT	ER CRITERIA DOCUME	NT FOR POLYCHLORINATED BIPHENYLS (PCBS). SUPERSEDED BY C107
DOCDATE 5/1/1987	OSWER/EPA IO EPA ECAO-CIN-414	DOCNUMBER C024
TITLE ENDANGERME	NT ASSESSMENT HAND	ВООК,
<b>DOCDATE</b> 8/1/1985	OSWER/EPA ID	DOCNUMBER C025
TITLE ESTIMATED SO	OIL INGESTION RATES F	OR USE IN RISK ASSESSMENT. TAKEN FROM RISK ANALYSIS, VOL. 7, NO. 3, 1987.
DOCDATE 1/8/1987	OSWER/EPA ID	DOCNUMBER C026
TITLE GUIDANCE ON	FEASIBILITY STUDIES I	UNDER CERCLA.
<b>DOCDATE</b> 6/1/1985	OSWER/EPA 10 EPA 540/G-85-003	DOCNUMBER C034
TITLE GUIDANCE ON	REMEDIAL INVESTIGAT	IONS UNDER CERCLA
DOCDATE 6/1/1985	OSWER/EPA ID EPA 540/G-85/002	DOCNUMBER C035
		OCEDURES FOR THE ANALYSIS OF POLLUTANTS UNDER THE CLEAN WATER ACT; FINAL, INTERIM
FINAL & PROPO DOCDATE	OSED RULE.  OSWER/EPA ID	DOCNUMBER

GUIDELINES FOR PCB LEVELS IN THE ENVIRONMENT

OSWER/EPA ID

OSWER/EPA ID

C036

C037

DOCNUMBER

DOCNUMBER C039

IMPACT OF THE RCRA LAND DISPOSAL RESTRICTIONS ON SUPERFUND RESPONSE ACTIONS IN SUPERFUND.

10/26/1984

DOCDATE

DOCDATE

1/1/1988

TITLE

TITLE

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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EPA IMPLEMENTATION OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), DUPLICATE OF 3003.

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/21/1987

TITLE

C044

APPLICATION OF INTERIM SEDIMENT CRITERIA VALUES AT SULLIVAN'S LEDGE SUPERFUND SITE.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

C049

4/11/1988 TITLE

COMMENTS ON THE PCB CONTAMINATION-REGULATORY AND POLICY BACKGROUND MEMO.

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/14/1987

C050

TITLE

STATUS OF ALTERNATE CONCENTRATION (ACL) LIMIT FACT SHEET.

DOCDATE 6/24/1988 OSWER/EPA ID

DOCNUMBER

C051

TITLE

SCOPE OF CERCLA PETROLEUM EXCLUSION UNDER SECTIONS 101(14) AND 104(a)(2).

DOCDATE 7/31/1987 OSWER/EPA ID

DOCNUMBER

C052

TITLE

COMMUNITY RELATIONS ACTIVITIES AT SUPERFUND ENFORCEMENT SITES.

DOCDATE 8/28/1985 OSWER/EPA ID

DOCNUMBER

C053

TITLE

INTERIM GUIDANCE ON COMPLIANCE WITH APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/9/1987 OSWER #9234.0-05

C055

TITLE

17TH REMEDY DELEGATION REPORT, PART 1.

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/13/1988

C056

TITLE

 $\textbf{APPLICABILITY} \ \textbf{OF} \ \textbf{PCB} \ \textbf{REGULATIONS} \ \textbf{TO} \ \textbf{SPILLS} \ \textbf{WHICH} \ \textbf{OCCURRED} \ \textbf{PRIOR} \ \textbf{TO} \ \textbf{THE} \ \textbf{EFFECTIVE} \ \textbf{DATE} \ \textbf{OF} \ \textbf{THE} \ \textbf{1978} \ \textbf{REGULATION}.$ 

**DOCDATE** 8/3/1979

OSWER/EPA ID

DOCNUMBER

C057

TITLE

PROCEDURES FOR IMPLEMENTING CERCLA DELEGATIONS FOR OFF-SITE RESPONSE ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

C059

TITLE

EVALUATION OF TSCA REQUIREMENTS AS ARARS FOR THE RE-SOLVE, INC. SUPERFUND SITE.

DOCDATE

OSWER/EPA IO

DOCNUMBER

7/24/1987

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN.

DOCDATE

OSWER/EPA ID

DOCNUMBER

C063

TITLE

OCCUPATIONAL SAFETY AND HEALTH GUIDANCE MANUAL FOR HAZARDOUS WASTE SITE ACTIVITIES.

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

10/1/1985

C065

TITLE

PCB SPILL CLEANUP POLICY.

DOCDATE 4/2/1987

OSWER/EPA ID

DOCNUMBER

C069

TITLE

PERSONNEL PROTECTION AND SAFETY.

DOCDATE

OSWER/EPA ID

OSWER/EPA ID

DOCNUMBER

TITLE

PROPOSED AMENDMENTS FOR LANDFILL, SURFACE IMPOUNDMENT AND WASTE PILE CLOSURES. PROPOSED AMENDMENT TO RULE.

DOCDATE

3/19/1987

DOCNUMBER

C079

TITLE

REMEDIAL ACTION AT WASTE DISPOSAL SITES (REVISED). HANDBOOK, DUPLICATE OF 2309

DOCDATE 10/1/1985

OSWER/EPA ID EPA/625/6-85/006 DOCNUMBER

C080

TITLE

RISK ANALYSIS OF TODD CONTAMINATED SOIL.

DOCDATE

OSWER/EPA ID

DOCNUMBER

EPA 600/8-84-031

C081

TITLE

STANDARD OPERATING SAFETY GUIDES.

DOCDATE 11/1/1984

OSWER/EPA ID

**DOCNUMBER** 

C082

TITLE

SUMMARY OF THE REQUIREMENTS: LAND DISPOSAL RESTRICTIONS RULE.

DOCDATE

OSWER/EPA ID

DOCNUMBER

C084

TITLE

SUPERFUND REMEDIAL DESIGN AND REMEDIAL ACTION GUIDANCE, DUPLICATE OF 2011

DOCDATE

OSWER/EPA IO

DOCNUMBER

6/1/1986

OSWER #9355.0-4A

C087

TITLE

SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION PROGRAM: PROGRESS AND ACCOMPLISHMENTS, A REPORT TO CONGRESS.

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/1/1988

EPA/540/5-88/001

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

TECHNOLOGY BRIEFS: DATA REQUIREMENTS FOR SELECTING REMEDIAL ACTION TECHNOLOGY.

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1987

EPA/600/2-87/001

C088

TITLE

TECHNOLOGY SCREENING GUIDE FOR TREATMENT OF CERCLA SOILS AND SLUDGES. DUPLICATE OF 2319.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1988

EPA/540/2-88/004

C090

TITLE

CATALOG OF SUPERFUND PROGRAM DIRECTIVES, INTERIM EDITION

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1988

OSWER #9200.7-01

0.7-01 C012

TITLE

UPDATE PCB CLEANUP-LEVEL DOCUMENT

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

12/6/1988

C060

TITLE

FEASIBILITY TESTING OF IN SITU VITRIFICATION OF NEW BEDFORD HARBOR SEDIMENTS.

DOCDATE 12/1/1988 OSWER/EPA ID

DOCNUMBER

C028

TITLE

B.E.S.T. IS CURRENTLY TECHNICALLY UNACCEPTABLE FOR USE AT BROS.

DOCDATE

9/20/1988

DOCNUMBER

C004

TITLE

ORGANIC EXTRACTION UTILIZING SOLVENTS. DEMONSTRATION BULLETIN. SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION.

DOCDATE

OSWER/EPA ID

OSWER/EPA ID

DOCNUMBER

4/1/1989 EI

EPA/540/M5-89/006

C066

TITLE

FINAL REPORT: LABORATORY TESTING RESULTS: KPEG TREATMENT OF NEW BEDFORD SOIL.

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/20/1988

MILE

BRIDGEPORT BID PROTEST.

DOCDATE

OSWER/EPA ID

DOCNUMBER

C008

C030

TITLE

MATERIAL SAFETY DATA SHEET: TRIETHYLAMINE

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1986

C092

TITLE

GUIDANCE MANUAL FOR WRITERS OF PCB DISPOSAL PERMITS FOR ALTERNATE TECHNOLOGIES, DRAFT REPORT.

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/30/1988

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TESTING.		PORT. EEI REF. NO. 5448. BENZENE, MERCURY, TOLUENE, TRIETHYLAMINE AND XYLENE EMISSIO
DOCDATE 2/26/1987	OSWER/EPA ID	DOCNUMBER C006
TITLE		
	N OF A CHEMICALLY COM	NTAMINATED SYNTHETIC SOIL MATRIX (SSM) USING A PILOT-SCALE ROTARY KILN SYSTEM.
DOCDATE	OSWER/EPA ID	DOCNUMBER C041
TITLE NCP WORKG	ROUP MEETINGS.	
DOCDATE 6/9/1989	OSWERIEPA ID	DOCNUMBER C062
TITLE POLICY FOR	SUPERFUND COMPLIANC	CE WITH THE RCRA LAND DISPOSAL RESTRICTIONS
DOCDATE	OSWER/EPA ID	DOCNUMBER
4/17/1989	OSWER #9347.1-0	C058
TITLE LAND DISPOS DUPLICATE O DOCDATE		ELEVANT AND APPROPRIATE REQUIREMENTS FOR CERCLA CONTAMINATED SOIL AND DEBRIS.  DOCNUMBER
6/5/1989	OSWER #9347.2-01	C054
TITLE PCB CONTAN	MINATION AT SUPERFUND	O SITES.
DOCDATE 4/7/1989	OSWER/EPA ID	DOCNUMBER C048
TITLE LABORATOR	Y SCALE TESTING REPOR	RT: KPEG PROCESSING OF WIDE BEACH DEVELOPMENT SITE SOILS.
	Y SCALE TESTING REPORT	RT: KPEG PROCESSING OF WIDE BEACH DEVELOPMENT SITE SOILS.  DOCNUMBER  C042
DOCDATE 9/30/1988	OSWER/EPA ID	DOCNUMBER
DOCDATE 9/30/1988	OSWER/EPA ID	DOCNUMBER C042
LABORATOR  DOCDATE 9/30/1988  TITLE HIGH TEMPE DOCDATE 12/1/1988  TITLE TECHNOLOG PENNSYLVAI	OSWER/EPA ID  RATURE THERMAL TREA  OSWER/EPA ID  EPA/540/X-88/006	DOCNUMBER C042  TMENT FOR CERCLA WASTE. EVALUATION AND SELECTION OF ONSITE AND OFFSITE SYSTEMS.  DOCNUMBER
LABORATOR  DOCDATE 9/30/1988  TITLE HIGH TEMPE DOCDATE 12/1/1988  TITLE TECHNOLOG	OSWER/EPA ID  RATURE THERMAL TREA  OSWER/EPA ID  EPA/540/X-88/006	DOCNUMBER C042  TMENT FOR CERCLA WASTE. EVALUATION AND SELECTION OF ONSITE AND OFFSITE SYSTEMS.  DOCNUMBER C038
LABORATOR  DOCDATE 9/30/1988  TITLE HIGH TEMPE DOCDATE 12/1/1988  TITLE TECHNOLOG PENNSYLVAI DOCDATE 2/1/1989  TITLE NEW BEDFOI	OSWER/EPA ID  RATURE THERMAL TREA  OSWER/EPA ID  EPA/540/X-88/006  EY EVALUATION REPORT NIA, VOLUME 1.  OSWER/EPA ID  EPA/540/5-89/001A	DOCNUMBER C042  TMENT FOR CERCLA WASTE. EVALUATION AND SELECTION OF ONSITE AND OFFSITE SYSTEMS.  DOCNUMBER C038  SITE PROGRAM DEMONSTRATION TEST, HAZCON SOLIDIFICATION, DOUGLASSVILLE.  DOCNUMBER
LABORATOR  DOCDATE 9/30/1988  TITLE HIGH TEMPE DOCDATE 12/1/1988  TITLE TECHNOLOG PENNSYLVAI DOCDATE 2/1/1989  TITLE NEW BEDFOI	OSWER/EPA ID  RATURE THERMAL TREA  OSWER/EPA ID  EPA/540/X-88/006  Y EVALUATION REPORT NIA, VOLUME 1.  OSWER/EPA ID  EPA/540/5-89/001A  RD HARBOR, ACUSHNET	DOCNUMBER C042  TMENT FOR CERCLA WASTE. EVALUATION AND SELECTION OF ONSITE AND OFFSITE SYSTEMS.  DOCNUMBER C038  SITE PROGRAM DEMONSTRATION TEST, HAZCON SOLIDIFICATION, DOUGLASSVILLE.  DOCNUMBER C089
LABORATOR  DOCDATE 9/30/1988  TITLE HIGH TEMPE DOCDATE 12/1/1988  TITLE TECHNOLOG PENNSYLVAI DOCDATE 2/1/1989  TITLE NEW BEDFOI APPLICATION DOCDATE 1/1/1989  TITLE	OSWER/EPA ID  RATURE THERMAL TREA  OSWER/EPA ID  EPA/540/X-88/006  EY EVALUATION REPORT NIA, VOLUME 1.  OSWER/EPA ID  EPA/540/5-89/001A  RD HARBOR, ACUSHNET N OF SOLIDIFICATION.	DOCNUMBER C042  TMENT FOR CERCLA WASTE. EVALUATION AND SELECTION OF ONSITE AND OFFSITE SYSTEMS.  DOCNUMBER C038  SITE PROGRAM DEMONSTRATION TEST, HAZCON SOLIDIFICATION, DOUGLASSVILLE.  DOCNUMBER C089  RIVER ESTUARY ENGINEERING FEASIBILITY STUDY OF DREDGING. RPT 9: LABORATORY-SCALI  DOCNUMBER C064

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

T	T	F

FEASIBILITY OF APEG DETOXIFICATION OF DIOXIN-CONTAMINATED SOILS. PROJECT SUMMARY

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1984

EPA-600/S2-84-071

C078

TITLE

DESTRUCTION OF PCBS: ENVIRONMENTAL APPLICATIONS OF ALKALI METAL POLYETHYLENE GLYCOLATE COMPLEXES, PROJECT

SUMMARY

DOCDATE OSWER/EPA ID DOCNUMBER

12/1/1985

EPA/600/S2-85/108

C076

TITLE

CHEMICAL REACTION OF POLYCHLORINATED BIPHENYLS ON SOILS WITH POLY(ETHYLENE GLYCOLIXION, TAKEN FROM "CHEMOSPHERE"

VOL. 14, NO. 2, 1985,

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

C015

TITLE

PCB DESTRUCTION: A NOVEL DEHALOGENATION REAGENT (TAKEN FROM JOURNAL OF HAZARDOUS MATERIALS, 12 (1985) 161-176

DOCDATE 1/1/1985

OSWER/EPA ID

DOCNUMBER

C067

GROUNDWATER CLASSIFICATION SYSTEM.

DOCDATE 5/1/1986

OSWER/EPA IO

DOCNUMBER

TITLE

IN SITU VITRIFICATION OF PCB-CONTAMINATED SOILS, FINAL REPORT.

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1986

TITLE

CHEMICAL DESTRUCTION OF CHLORINATED DIOXINS AND FURANS.

DOCDATE

OSWER/EPA ID

DOCNUMBER

C013

TITLE

PCB SEDIMENT DECONTAMINATION - TECHNICAL/ECONOMIC ASSESSMENT OF SELECTED ALTERNATIVE TREATMENTS, PROJECT

SHMMARY

DOCDATE 3/1/1987

OSWER/FPA ID

DOCNUMBER

EPA/600/S2-86/112

C077

CATALYTIC DEHYDROHALOGENATION: A CHEMICAL DESTRUCTION METHOD FOR HALOGENATED ORGANICS, PROJECT SUMMARY,

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1987 EPA/600/S2-86/113 C075

TITLE

CHEMICAL DESTRUCTION OF HALOGENATED ALIPHATIC HYDROCARBONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/23/1987

TITLE SUPERFUND RECORD OF DECISION: LÍQUID DISPOSAL, MI.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1987

EPA/ROD/R05-87/051

C086

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

ANALYSIS OF KPEG/GUAM SOIL PCB DETOXIFICATION FROM THE GUAM FIELD TEST.

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/24/1988

C046

TITLE

IN SITU VITRIFICATION TECHNOLOGY INFORMATION.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/13/1988

C043

TITLE

GUAM II, RETREATMENT OF GUAM SOILS AND THE CONTINUATION OF APEG FOR PCB DETOXIFICATION.

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

10/13/1988

C045

TITLE

BASIC EXTRACTIVE SLUDGE TREATMENT (B.E.S.T.) DEMONSTRATED AVAILABLE TECHNOLOGY

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/16/1988

C005

TITLE

PCB SEDIMENT DECONTAMINATION PROCESSES SELECTION FOR TEST AND EVALUATION (TAKEN FROM HAZARDOUS WASTE &

HAZARDOUS MATERIALS, VOL. 5, NUMBER, 3, 1988).
DOCDATE OSWER/EPA ID DOCNUMBER

1/1/1988

OSWER/EPA ID

C068

EVALUATION OF THE B.E.S.T. SOLVENT EXTRACTION SLUDGE TREATMENT TECHNOLOGY, TWENTY-FOUR HOUR TEST.

DOCDATE

OSWER/EPA ID

DOCNUMBER

EPA 600/2-88/051

C027

TITLE

DISTRIBUTION OF DRAFT CLEAN WATER ACT/SAFE DRINKING WATER ACT (CWA/SWDA) VOLUME OF THE SUPERFUND COMPLIANCE

MANUAL. DOCDATE

OSWER/EPA ID

DOCNUMBER

C047

TITLE

DRAFT STANDARD REVIEW PLAN INFORMATION REQUIREMENTS

DOCDATE

OSWER/EPA ID

DOCNUMBER

C023

TITLE

SUMMARY OF BIOASSAY TESTS ON APEG BYPRODUCTS

DOCDATE

OSWER/EPA ID

DOCNUMBER

C083

TITLE

FIELD EXPERIENCE WITH THE KPEG REAGENT.

DOCDATE

OSWER/EPA ID

DOCNUMBER

C029

TITLE

POLYCHLORINATED BIPHENYLS (PCBS) MANUFACTURING, PROCESSING, DISTRIBUTION IN COMMERCE, AND USE PROHIBITIONS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

7/1/1987

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

POLYCHLORINATED BIPHENYLS, CRITERIA MODIFICATION, HEARINGS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

5/31/1979

C072

TITLE

POLYCHLORINATED BIPHENYLS (PCBS): FINAL RULES AND NOTICE OF REQUEST FOR ADDITIONAL COMMENTS ON CERTAIN INDIVIDUAL

AND CLASS PETITIONS FOR EXEMPTION.

DOCDATE 7/10/1984

OSWER/EPA ID

**DOCNUMBER** C073

GUIDANCE MANUAL FOR HAZARDOUS WASTE INCINERATOR PERMITS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

7/1/1983

**EPA SW-966** 

C032

TITLE

PERMIT WRITER'S GUIDE TO TEST BURN DATA, HAZARDOUS WASTE INCINERATION, HANDBOOK,

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1986 EPA/625/6-86/012 C070

TITLE

APPLICATION OF LOW-TEMPERATURE THERMAL TREATMENT TECHNOLOGY TO CERCLA SOILS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

C093

TITLE

DISCHARGE OF WASTEWATER FROM CERCLA SITES INTO POTWS.

DOCDATE 4/15/1986

OSWER/EPA ID

DOCNUMBER

C094

SEDIMENT QUALITY VALUES REFINEMENT: 1988 UPDATE AND EVALUATION OF PUGET SOUND AET.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1988

C095

TITLE

EVALUATION OF THE APPARENT EFFECTS THRESHOLD (AET) APPROACH FOR ASSESSING SEDIMENT QUALITY. REPORT OF THE

SEDIMENT CRITERIA SUBCOMMITTEE.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989

SAB-EETFC-89-027

C096

NBH SUPERFUND PROJECT, ACUSHNET RIVER ESTUARY ENG. FS OF DREDGED MATERIAL DISPOSAL ALTERNATIVES, RPT. 10.

EVALUATION OF DREDGING CONTROL TECHNOLOGIES. DOCDATE OSWER/EPA ID

11/1/1988

EL-88-15

**DOCNUMBER** C097

HOT SPOT FEASIBILITY STUDY. NEW BEDFORD HARBOR, DRAFT FINAL

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

7/1/1989 TITLE

INTERIM FINAL GUIDANCE ON SOIL INGESTION RATES

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/9/1989

OSWER #9850.4

C099

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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PCB SEDIMENT DECONTAMINATION-TECHNICAL/ECONOMIC ASSESSMENT OF SELECTED ALTERNATIVE TREATMENTS.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/15/1986

TITLE

B.E.S.T. PROCESS-EFFECTIVE TREATMENT OF SLUDGES, SOILS, AND SEDIMENTS CONTAMINATED WITH PCBS, SEMI-VOLATILE ORGANICS

(PAHS), VOCS, PCP, CREOSOTES...

DOCDATE

OSWER/EPA ID

DOCNUMBER C101

C100

2/24/1989

TITLE

B.E.S.T. PROCESS-EFFECTIVE TREATMENT OF SLUDGES, SEDIMENTS AND SOILS CONTAMINATED WITH PCBS, POLYNUCLEAR

AROMATICS (PNAS), VOCS, PCP, CREOSOTE

DOCDATE 8/14/1989

OSWER/EPA ID

**DOCNUMBER** 

C102

TITLE

HAZARDOUS WASTE MANAGEMENT SYSTEM, LAND DISPOSAL RESTRICTIONS, FINAL RULE

C103

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

11/7/198€

TITLE

SUPPLEMENTAL RISK ASSESSMENT GUIDANCE FOR THE SUPERFUND PROGRAM, DRAFT FINAL

DOCDATE 6/1/1989

OSWER/EPA ID EPA 901/5-89-001

OSWER/EPA ID

DOCNUMBER C104

TITLE

LAND DISPOSAL RESTRICTIONS FOR CERTAIN "CALIFORNIA LIST" HAZARDOUS WASTES AND MODIFICATIONS TO THE FRAMEWORK

FINAL RULE.

DOCDATE

DOCNUMBER

7/8/1987

C105

TITLE

GUIDANCE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER AT SUPERFUND SITES. INTERIM FINAL, DUPLICATE OF 2413.

DOCDATE

12/1/1988

OSWER/EPA ID

DOCNUMBER

OSWER #9283.1-2 C106

TITLE

DRINKING WATER CRITERIA FOR POLYCHLORINATED BIPHENYLS (PCBS). FINAL. RESEARCH AND DEVELOPMENT.

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

4/1/1988 ECAO-CIN-414

C107

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL: DRAFT GUIDANCE, DUPLICATE OF 3002.

DOCDATE 8/8/1988

OSWER/EPA ID

DOCNUMBER

EPA/\$40/G-89/006

C108

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL: PART II, CLEAN AIR ACT AND OTHER ENVIRONMENTAL STATUTES AND STATE

REQUIREMENTS, INTERIM FINAL, DUP, OF 3013.

DOCDATE 8/1/1989

OSWER/EPA ID

DOCNUMBER

EPA/\$40/G-89/009

C109

TITLE

AIR STRIPPER CONTROL GUIDANCE.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/12/1989

OSWER #9355.0-28

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IN SITU TREATMENT OF HAZARDOUS WASTE-CONTAMINATED SOILS, HANDBOOK,

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1990

EPA/540/2-90/002

C111

TITLE

SUPERFUND GLOSSARY, WINTER 1986.

DOCDATE

OSWER/EPA ID

DOCNUMBER

WH/FS-86-007

C112

TITLE

PUBLIC INVOLVEMENT IN THE SUPERFUND PROGRAM. FALL 1987.

DOCDATE

OSWER/EPA ID WH/FS-87-004R **DOCNUMBER** 

C113

TITLE

SUPERFUND, FALL 1987

DOCDATE

OSWER/EPA ID

DOCNUMBER

WH/FS-87-001R

C114

TITLE

SUPERFUND REMEDIAL PROGRAM, FALL 1987.

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

WH/FS-87-002R

C115

INTERIM SEDIMENT CRITERIA VALUES FOR NONPOLAR HYDROPHOBIC ORGANIC CONTAMINANTS.

**DOCDATE** 

OSWER/EPA ID SCD# 17

**DOCNUMBER** C116

5/1/1988

TITLE APPLICABILITY OF LDRS TO RCRA AND CERCLA GROUND WATER TREATMENT REINJECTION SUPERFUND MANAGEMENT REVIEW:

RECOMMENDATION NO. 26. DUPLICATE OF 2213.

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/27/1989

OSWER #9234.1-06

G119

TITLE

FEDERAL MANUAL FOR IDENTIFYING AND DELINEATING JURISDICTIONAL WETLANDS.

DOCDATE

OSWER/EPA IO

DOCNUMBER C118

1/10/1989

TITLE

GUIDE ON REMEDIAL ACTIONS FOR CONTAMINATED GROUND WATER, DUPLICATE OF 2409

OSWER/EPA ID

DOCNUMBER

DOCDATE 4/1/1989

9283.1-2FS

C120

TITLE

TECHNOLOGY EVALUATION REPORT: SITE PROGRAM DEMONSTRATION TEST TERRA VAC IN SITU VACUUM EXTRACTION SYSTEM

VOLUME 1.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

EPA/540/5-89/003 4/1/1989

C121

TITLE

ARARS Q'S & A'S. GENERAL POLICY: RCRA, CWA & SDWA. SUPERFUND FACT SHEET. DUPLICATE OF 3006.

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/1/1989

OERR 9234.2-01FS

C122

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LAND DISPOSAL RESTRICTIONS, SUMMARY OF REQUIREMENTS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

6/1/1989

QS-520

C123

TITLE

SUPERFUND LDR GUIDE #1, OVERVIEW OF RCRA LAND DISPOSAL RESTRICTIONS (LDRs), DUPLICATE OF 2214.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989 9347.3-01FS C124

TITLE

SUPERFUND LDR GUIDE #2. COMPLYING WITH THE CALIFORNIA LIST RESTRICTIONS UNDER LAND DISPOSAL RESTRICTIONS (LDRS)

**DUPLICATE OF 2215.** 

DOCDATE 7/1/1989

OSWER/EPA ID 9347.3-02FS

DOCNUMBER

C125

TITLE

SUPERFUND LDR GUIDE #3, TREATMENT STANDARDS AND MINIMUM TECHNOLOGY REQUIREMENTS UNDER LAND DISPOSA

RESTRICTIONS (LDRS). DUPLICATE OF 3018.

DOCDATE 7/1/1989

OSWER/EPA ID 9347.3-03FS

DOCNUMBER

C126

C127

TITLE

SUPERFUND LDR GUIDE #5. DETERMINING WHEN LAND DISPOSAL RESTRICTIONS (LDRS) ARE APPLICABLE TO CERCLA RESPONSE

ACTIONS. DUPLICATE OF 2218.

DOCDATE

OSWER/EPA IO

DOCNUMBER

7/1/1989 9347.3-05FS

TITLE

SUPERFUND LDR GUIDE #6A, OBTAINING A SOIL AND DEBRIS TREATABILITY VARIANCE FOR REMEDIAL ACTIONS. DUPLICATE OF 2219.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989

9347.3-06FS

C128

TITLE

CODE OF FEDERAL REGULATIONS. TITLE 40, PARTS 190 TO 299. PROTECTION OF ENVIRONMENT. REVISED AS OF JULY 1, 1989.

DOCDAYE

7/1/1989

DOCNUMBER

OSWER/EPA ID

C129

TITLE

STATE AND LOCAL INVOLVEMENT IN THE SUPERFUND PROGRAM. FALL 1989.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9375.5-01/FS

C130

TITLE

EVALUATION OF GROUND-WATER EXTRACTION REMEDIES, VOLUME 1, SUMMARY REPORT, DUPLICATE OF 2412.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1989

EPA/540/2-89/054

C131

TITLE

DETERMINING SOIL RESPONSE ACTION LEVELS BASED ON POTENTIAL CONTAMINANT MIGRATION TO GROUND WATER: A COMPENDIUM

OF EXAMPLES. DUPLICATE OF #2411. DOCDATE

10/1/1989

OSWER/EPA ID

DOCNUMBER

EPA/540/2-89/057

TITLE

C133

GROUND WATER ISSUE. PERFORMANCE EVALUATIONS OF PUMP-AND-TREAT REMEDIATIONS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

10/1/1989

EPA/540/4-89/005

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

T/1/1989	OSWER/EPA ID 9347.3-04FS	DOCNUMBER C135
TITLE CONSIDERAT	IONS IN GROUND WATE	R REMEDIATION AT SUPERFUND SITES. DUPLICATE OF 2410.
DOCDATE 10/18/1989	OSWER/EPA ID 9355.4-03	DOCNUMBER C136
TITLE SUPERFUND	INNOVATIVE TECHNOLO	OGY EVALUATION PROGRAM: TECHNOLOGY PROFILES.
DOCDATE 11/1/1989	OSWER/EPA ID EPA/540/5-89/013	DOCNUMBER C137
	TREATABILITY DATA FO IES: SF MGMT. REVIEW: OSWER/EPA ID 9380.3-04	OR SOIL & DEBRIS: EVALUATION OF LAND BAN IMPACT ON USE OF SUPERFUND TREATMEN REC. 34A. DOCNUMBER C138
TITLE SUPERFUND		IINING WHEN LAND DISPOSAL RESTRICTIONS (LDRS) ARE RELEVANT AND APPROPRIATE TO CERCL
TITLE		LAWS MANUAL. CERCLA COMPLIANCE WITH STATE REQUIREMENTS, DUPLICATE OF 3009.
DOCDATE 12/1/1989	<b>OSWER/EPA 10</b> 9234.2-05/FS	DOCNUMBER C140
TITLE		LAWS MANUAL, OVERVIEW OF ARARS, FOCUS ON ARAR WAIVERS, DUPLICATE OF 3011.
CERCLA CON	IPLIANCE WITH OTHER	
DOCDATE 12/1/1989	OSWER/EPA ID 9234.2-03/FS	DOCNUMBER C141
DOCDATE 12/1/1989 TITLE TECHNOLOG RADIATION/C DOCDATE	OSWER/EPA ID 9234.2-03/FS Y EVALUATION REPORT EXIDATION TECHNOLOG OSWER/EPA ID	DOCNUMBER C141  SITE PROGRAM DEMONSTRATION OF THE ULTROX INTERNATIONAL ULTRAVIOLET Y. DOCNUMBER
DOCDATE 12/1/1989 TITLE TECHNOLOG RADIATION/C DOCDATE 1/1/1990 TITLE	OSWER/EPA ID 9234.2-03/FS Y EVALUATION REPORT EXIDATION TECHNOLOG	DOCNUMBER C141  SITE PROGRAM DEMONSTRATION OF THE ULTROX INTERNATIONAL ULTRAVIOLET Y. DOCNUMBER C142
DOCDATE 12/1/1989 TITLE TECHNOLOG RADIATION/C DOCDATE 1/1/1990 TITLE	OSWER/EPA ID 9234.2-03/FS Y EVALUATION REPORT OXIDATION TECHNOLOG OSWER/EPA ID EPA/540/5-89/012	DOCNUMBER C141  SITE PROGRAM DEMONSTRATION OF THE ULTROX INTERNATIONAL ULTRAVIOLET Y. DOCNUMBER C142
DOCDATE 12/1/1989 TITLE TECHNOLOG RADIATION/C DOCDATE 1/1/1990 TITLE PRESUMPTIV DOCDATE 9/1/1993 TITLE	OSWER/EPA ID 9234.2-03/FS  Y EVALUATION REPORT EXIDATION TECHNOLOG OSWER/EPA ID EPA/540/5-89/012  TE REMEDIES: POLICY A OSWER/EPA ID 9355.0-47FS	DOCNUMBER C141  : SITE PROGRAM DEMONSTRATION OF THE ULTROX INTERNATIONAL ULTRAVIOLET Y. DOCNUMBER C142  ND PROCEDURES. DOCNUMBER
DOCDATE 12/1/1989 TITLE TECHNOLOG RADIATION/C DOCDATE 1/1/1990 TITLE PRESUMPTIV DOCDATE 9/1/1993 TITLE	OSWER/EPA ID 9234.2-03/FS  Y EVALUATION REPORT EXIDATION TECHNOLOG OSWER/EPA ID EPA/540/5-89/012  TE REMEDIES: POLICY A OSWER/EPA ID 9355.0-47FS	DOCNUMBER C141  SITE PROGRAM DEMONSTRATION OF THE ULTROX INTERNATIONAL ULTRAVIOLET Y. DOCNUMBER C142  ND PROCEDURES. DOCNUMBER C143
DOCDATE 12/1/1989 TITLE TECHNOLOG RADIATION/C DOCDATE 1/1/1990 TITLE PRESUMPTIV DOCDATE 9/1/1993 TITLE STATE OF TE DOCDATE 1/1/1990 TITLE	OSWERJEPA ID 9234.2-03/FS  Y EVALUATION REPORT EXIDATION TECHNOLOG OSWERJEPA ID EPA/S40/S-89/012  YE REMEDIES: POLICY A OSWERJEPA ID 9355.0-47FS  ECHNOLOGY REVIEW: SI OSWERJEPA ID EPA/600/S2-89/024	DOCNUMBER C141  SITE PROGRAM DEMONSTRATION OF THE ULTROX INTERNATIONAL ULTRAVIOLET Y.  DOCNUMBER C142  ND PROCEDURES.  DOCNUMBER C143  DIL VAPOR EXTRACTION SYSTEMS. PROJECT SUMMARY  DOCNUMBER

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

FIELD EVALUATION OF THE UV/OXIDATION TECHNOLOGY TO TREAT CONTAMINATED GROUNDWATER. MARCH/APRIL 1990.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

C146

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL. SUMMARY OF PART II. CAA, TSCA, AND OTHER STATUTES. DUPLICATE OF 3012.

DOCDATE 4/1/1990

OSWER/EPA ID

DOCNUMBER

9234,2-07/FS

C147

TITLE

FIELD DEMONSTRATION OF THE UV/OXIDATION TECHNOLOGY TO TREAT GROUND WATER CONTAMINATED WITH VOCS.

DOCDATE 4/1/1990

OSWER/EPA ID

DOCNUMBER

C148

TITLE

FEASIBILITY STUDY ANALYSIS. UNION CHEMICAL

DOCDATE 5/8/1990

OSWER/EPA ID

DOCNUMBER

C149

TITLE

ATSOR FACT SHEET.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

C150

TITLE

TECHNOLOGY EVALUATION REPORT: CF SYSTEMS ORGANICS EXTRACTION SYSTEM. VOLUME I.

**DOCDATE** 1/1/1990

OSWER/EPA ID EPA/540/5-90/002 DOCNUMBER

C151

TITLE

TECHNOLOGY EVALUATION REPORT: SITE PROGRAM DEMONSTRATION TEST. SOLIDITECH, INC. SOLIDIFICATION/STABILIZATION

PROCESS. VOLUME 1.

**DOCDATE** 2/1/1990

OSWER/EPA ID EPA/540/5-89/005a DOCNUMBER

C152

TITLE

ROD ANNUAL REPORT: FY 1989.

DOCDATE 4/1/1990

OSWER/EPA ID

DOCNUMBER

EPA/540/8-90/006

TITLE

FINAL METHODOLOGY FOR EARLY DE MINIMIS WASTE CONTRIBUTOR SETTLEMENTS UNDER CERCLA SECTION 122(g)(1)(A).

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/2/1992

OSWER 9834.7-1C

C154

TITLE

FINAL METHODOLOGIES FOR IMPLEMENTATION OF CERCLA SECTION 122(g)(1)(A) DE MINIMIS WASTE CONTRIBUTOR SETTLEMENT

PROPOSALS AND AGREEMENTS

DOCDATE 12/20/1989

OSWER/EPA ID OSWER 9834.7-18 **DOCNUMBER** 

C155

TITLE

FINAL GUIDANCE ON PREMIUM PAYMENTS IN CERCLA SETTLEMENTS.

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/17/1988

OSWER 9835.6

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

PRESUMPTIVE REMEDY FOR CERCLA MUNICIPAL LANDFILL SITES.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1993

OSWER 9355.0-49FS

C157

TITLE

GUIDANCE FOR EVALUATING THE TECHNICAL IMPRACTICABILITY OF GROUND WATER RESTORATION.

DOCDATE 10/4/1993

OSWER/EPA ID

**DOCNUMBER** 

OSWER 9234.2-25 C158

TITLE

FINAL GUIDANCE ON PREPARING AND RELEASING WASTE-IN LISTS AND VOLUMETRIC RANKINGS TO PRPS UNDER CERCLA.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

2/22/1991 OSWER 9835.16 C159

TITLE

FINAL INTERIM GUIDANCE ON SETTLEMENTS WITH DE MINIMIS WASTE CONTRIBUTORS UNDER SECTION 122 (g) OF SARA

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/19/1987

OSWER 9834.7

C160

TITLE

INTERIM CERCLA SETTLEMENT POLICY.

DOCDATE 5/30/1986

OSWER/EPA ID OSWER 9835.0

DOCNUMBER

C161

TITLE

OFF-SITE RULE IMPLEMENTATION.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/27/1993 EPA 9834.11FSa

TITLE

SEWAGE SLUDGE, USE AND DISPOSAL RULE (40 CFR PART 503) - FACT SHEET.

**DOCDATE** 

**OSWERVEPA ID** 

DOCNUMBER

EPA-822-F-92-002 11/1/1992

C163

C162

SUMMARY OF THE STANDARDS FOR THE USE OR DISPOSAL OF SEWAGE SLUDGE. 40 CFR PART 503 (58 FR 32: 9248-9415).

DOCDATE

OSWER/EPA ID

**DOCNUMBER** C164

9/30/1993

RCRA REGULATORY STATUS OF CONTAMINATED GROUNDWATER.

DOCBATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1984

C165

TITLE

RCRA REGULATORY STATUS OF CONTAMINATED GROUND WATER.

DOCDATE 11/13/1986

OSWER/EPA ID 9441.1986(83)

**DOCNUMBER** 

TITLE

CERCLA SITE DISCHARGES TO POTWS GUIDANCE MANUAL.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

8/1/1990

EPA/540/G-90/005

C167

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QUALITY ASSURANCE AND QUALITY CONTROL FOR WASTE CONTAINMENT FACILITIES. TECHNICAL GUIDANCE DOCUMENT.

DOCDATE 9/1/1993

OSWER/EPA ID EPA/600/R-93/182 DOCNUMBER C168

TITLE

DRAFT GUIDANCE ON CERCLA COMPLIANCE WITH OTHER LAWS MANUAL, DUPLICATE OF C108,

DOCDATE 8/8/1988

OSWER/EPA ID

**DOCNUMBER** 

OSWER 9234.1-01

C169

TITLE

INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA. DUPLICATE OF

2002.

DOCDATE 10/1/1988

OSWER/EPA ID

DOCNUMBER

OSWER #9355.3-01 C170

TITLE

REQUIREMENTS FOR HAZARDOUS WASTE LANDFILL DESIGN, CONSTRUCTION, AND CLOSURE

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

4/1/1989

EPA/625/4-89/022

C171

FINAL COVERS ON HAZARDOUS WASTE LANDFILLS AND SURFACE IMPOUNDMENTS. TECHNICAL GUIDANCE DOCUMENT.

DOCDATE

OSWER/EPA ID EPA/530-SW-89-047 **DOCNUMBER** 

7/1/1989

C172

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL, RCRA ARARS: FOCUS ON CLOSURE REQUIREMENTS, DUPLICATE OF 3017.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

10/1/1989

OSWER #9234.2-04FS

C173

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME I, HUMAN HEALTH EVALUATION MANUAL (PART A), INTERIM FINAL

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1989 EPA/540/1-89/002

HYDROLOGIC EVALUATION OF LANDFILL PERFORMANCE MODEL - VERSION 2.05.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1988

C175

STREAMLINING THE RIFS FOR CERCLA MUNICIPAL LANDFILL SITES.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1990

OSWER #9355.3-11FS

C176

TITLE

CONDUCTING REMEDIAL INVESTIGATIONS/FEASIBILITY STUDIES FOR CERCLA MUNICIPAL LANDFILL SITES

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

2/1/1991

OSWER #9355.3-11

C177

TITLE

DRAFT GUIDANCE ON CERCLA COMPLIANCE WITH OTHER LAWS MANUAL

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

11/25/1987

OSWER 9234.1-01

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GUIDANCE ON PREPARING SUPERFUND DECISION DOCUMENTS: THE PROPOSED PLAN, THE RECORD OF DECISION, E.S.D./S. R.O.D.

AMENDMENT, INTERIM FINAL.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

7/1/1989

OSWER 9355.3-02

C179

C180

C181

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND. HUMAN HEALTH EVALUATION MANUAL PART A.

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1989

FINAL COVERS ON HAZARDOUS WASTE LANDFILLS AND SURFACE IMPOUNDMENTS. TECHNICAL GUIDANCE DOCUMENT, DUPLICATE OF C172.

DOCDATE OSWER/EPA ID DOCNUMBER

7/1/1989

EPA/530-SW-89-047

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DRAFT ENGINEERING EVALUATION/COST ANALYSIS GUIDANCE FOR NON-TIME-CRITICAL REMOVAL ACTIONS

DOCDATE 3/1/1988

OSWER/EPA ID

**DOCNUMBER** 

C182

TITLE

SUPERFUND REMOVAL PROCEDURES: GUIDANCE ON THE CONSIDERATION OF ARARS DURING REMOVAL ACTIONS

DOCDATE 9/1/1991

OSWER/EPA ID

**DOCNUMBER** 

C010

EPA 540/P-91/011

C183

RAYOX: A SECOND GENERATION ENHANCED OXIDATION PROCESS FOR DESTROYING WATERBORNE TOXIC CONTAMINANTS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

2/15/1989

TITLE

CERCLA COMPLIANCE WITH OTHER LAWS MANUAL, RCRA ARARS: FOCUS ON CLOSURE REQUIREMENTS, DUPLICATE OF 3017.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

10/1/1989 OSWER #9234.2-04FS

C011

SOIL SAMPLING QUALITY ASSURANCE USER'S GUIDE. SECOND EDITION.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

3/1/1989

EPA/600/8-89/046

C091

TITLE

APPLICABILITY OF LORS TO RORA AND CERCLA GROUND WATER TREATMENT REINJECTION SUPERFUND MANAGEMENT REVIEW:

RECOMMENDATION NO. 26, DUPLICATE OF C119. **DOCDATE** 

12/27/1989

OSWER/EPA ID OSWER #9234.1-06 DOCNUMBER

AMBIENT WATER QUALITY CRITERIA FOR POLYCHLORINATED BIPHENYLS

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1980

EPA 440/5-80-068

C132

TITLE

FINAL GUIDANCE ON OVERSITE OF POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES, VOLUMES 182

DOCDATE 7/1/1991

OSWER/EPA ID 9835.1 (d)

**DOCNUMBER** C184

Page 34

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

7	П	ι	E

EARLY ACTION AND LONG-TERM ACTION UNDER SACM (SUPERFUND ACCELERATED CLEANUP MODEL). INTERIM GUIDANCE.

DOCDATE

OSWER/EPA ID

DOCNUMBER

12/1/1992

OSWER #9203.1-051

C185

TITLE

GUIDANCE ON CONDUCTING NON-TIME-CRITICAL REMOVAL ACTIONS UNDER CERCLA.

B/1/1993

OSWER/EPA ID EPA 540-R-93-057 DOCNUMBER C186

TITLE

SUPERFUND ACCELERATED CLEANUP MODEL (SACM) COORDINATION STRATEGY.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/14/1993

OSWER #9203.1-11

C187

TITLE

CONDUCTING NON-TIME-CRITICAL REMOVAL ACTIONS UNDER CERCLA

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1993 OSWER #9360.0-32FS

FS C188

TITLE

DESIGN, CONSTRUCTION, AND EVALUATION OF CLAY LINERS FOR WASTE MANAGEMENT FACILITIES.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

11/1/1988

EPA/530/SW-86/007F

2201

TITLE

ARARS Q'S & A'S: STATE GROUND-WATER ANTIDEGRADATION ISSUES.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

7/1/1990

9234.2-11FS

C191

TITLE

CERCLA COMPLIANCE WITH THE RCRA TOXICITY CHARACTERISTICS (TC) RULE: PART II.

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1990 9347,3-11FS

C190

TITLE

ARARS Q'S & A'S: COMPLIANCE WITH FEDERAL WATER QUALITY CRITERIA.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

6/1/1990

9234.2-09/FS

C192

TITLE

ARARS O'S & A'S. COMPLIANCE WITH THE TOXICITY CHARACTERISTICS RULE: PART I.

DOCDATE 5/1/1990

OSWER/EPA ID

DOCNUMBER Cana

J 17 1830

9234.2-08/FS

C193

TITLE

BASICS OF PUMP-AND-TREAT GROUND-WATER REMEDIATION TECHNOLOGY.

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1990

EPA/600/8-90/003

C194

TITLE

FINAL GUIDANCE FOR COORDINATING ATSDR HEALTH ASSESSMENT ACTIVITIES WITH THE SUPERFUND REMEDIAL PROCESS.

DOCUATE

OSWER/EPA ID

DOCNUMBER

3/11/1987

9285.4-02

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

ALTERNATE CONCENTRATION LIMIT GUIDANCE BASED ON \$264,94(b) CRITERIA. PART I, INFORMATION REQUIRED IN ACL

DEMONSTRATIONS, DRAFT

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

6/1/1985

C196

FATE OF POLYCHLORINATED BIPHENYLS (PCBs) IN SOIL FOLLOWING STABILIZATION WITH QUICKLIME.

DOCDATE 9/1/1991

OSWER/EPA ID EPA/600/2-91/052 DOCNUMBER

C197

TITLE

STABILIZATION/SOLIDIFICATION OF CERCLA AND RCRA WASTES. PHYSICAL TESTS, CHEMICAL TESTING PROCEDURES, TECHNOLOGY

SCREENING, AND FIELD ACTIVITIES.

DOCDATE 5/1/1989

OSWER/EPA ID

**DOCNUMBER** 

EPA/625/6-89/022 C198

TITLE

HEALTH CONSULTATION, DENNY FARM INCINERATOR CLOSURE PLAN

DOCDATE 7/14/1988

OSWER/EPA ID

DOCNUMBER

C199

TITLE

GUIDANCE ON KEY TERMS USED IN SUPERFUND.

DOCDATE

OSWER/EPA ID 9200.5-220

DOCNUMBER

C200

TITLE

INNOVATIVE TREATMENT TECHNOLOGIES. DRAFT.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

2/1/1991

9380.3-05FS

C201

TITLE

IMMOBILIZATION AS TREATMENT, DRAFT.

DOCDATE

OSWER/EPA ID

DOCNUMBER

2/1/1991 9380.3-07FS

C202

TITLE

SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION. INTERNATIONAL WASTE TECHNOLOGIES/GEO-CON IN SITU

STABILIZATION/SOLIDIFICATION. APPLICATIONS ANALYSIS. DOCDATE OSWER/EPA ID

**DOCNUMBER** 

8/1/1990

EPA/540/A5-89/004

C203

TITLE

TOXICOLOGICAL PROFILE FOR POLYCYCLIC AROMATIC HYDROCARBONS.

DOCDATE

OSWER/EPA ID

**DOCHUMBER** 

12/1/1990

ATSOR/TP-90-20

C204

SUPERFUND RESPONSIVENESS SUMMARIES. (SUPERFUND MANAGEMENT REVIEW: RECOMMENDATION #43E)

DOCDATE 6/7/1990

OSWER/EPA ID 9203.0-06

**DOCNUMBER** C205

TITLE

SUGGESTED ROD LANGUAGE FOR VARIOUS GROUND WATER REMEDIATION OPTIONS.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

10/10/1990

9283.1-03

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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N	V	١	Ţ	10	

ONAL PRIMARY DRINKING WATER REGULATIONS, SYNTHETIC ORGANIC CHEMICALS; MONITORING FOR UNREGULATED CONTAMINANTS; FINAL RULE. 40 CFR PARTS 141 & 142.

DOCDATE OSWER/EPA ID

DOCNUMBER C207

7/8/1987

TITLE

NATIONAL PRIMARY DRINKING WATER REGULATIONS; VOLATILE SYNTHETIC ORGANIC CHEMICALS; FINAL RULE AND PROPOSED RULE, 40

**CFR PARTS 141 & 142.** 

DOCDATE 11/13/1985

OSWER/EPA ID

**DOCNUMBER** 

C208

DRINKING WATER REGULATIONS; MAXIMUM CONTAMINANT LEVEL GOALS AND NATIONAL PRIMARY DRINKING WATER REGULATIONS FOR

LEAD AND COPPER; PROPOSED RULE.

DOCDATE 8/18/1988

OSWER/EPA ID

**DOCNUMBER** 

C209

TITLE

NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS; SYNTHETIC ORGANIC CHEMICALS AND INORGANIC CHEMICALS

PROPOSED RULE. 40 CFR PART 141 et al. DOCDATE

OSWER/EPA ID DOCNUMBER

C210

TITLE

NATIONAL PRIMARY AND SECONDARY DRINKING WATER REGULATIONS; PROPOSED RULE, 40 CFR PARTS 141, 142 & 143.

DOCDATE 5/22/1989

7/25/1990

OSWER/EPA ID

**DOCNUMBER** 

C211

TITLE

REMEDIAL ACTION AT WASTE DISPOSAL SITES. HANDBOOK

DOCDATE 6/1/1982

OSWER/EPA ID EPA-625/6-82-006 **DOCNUMBER** 

C212

TITLE

CONSISTENT IMPLEMENTATION OF THE FY 1993 GUIDANCE ON TECHNICAL IMPRACTICABILITY OF GROUND-WATER RESTORATION AT

SUPERFUND SITES **OSWER/EPA ID** 

DOCDATE

DOCNUMBER

1/19/1995

9200.4-14

C213

TITLE

FINAL REVISIONS TO OMB CIRCULAR A-94 ON GUIDELINES AND DISCOUNT RATES FOR BENEFIT-COST ANALYSIS.

DOCDATE

OSWER/EPA ID

DOCNUMBER C214

6/25/1993 TITLE

9355,3-20

DENSE NONAQUEOUS PHASE LIQUIDS. A WORKSHOP SUMMARY, DALLAS, TX APRIL 16-18, 1991.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

2/1/1992

EPA/600/R-92/030

C215

TITLE

CONSIDERATIONS IN GROUND-WATER REMEDIATION AT SUPERFUND SITES AND RCRA FACILITIES. UPDATE

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

5/27/1992 9283.1-06

C216

AIR/SUPERFUND NATIONAL TECHNICAL GUIDANCE STUDY SERIES, ASSESSING POTENTIAL INDOOR AIR IMPACTS FOR SUPERFUND SITES.

DOCDATE

OSWER/EPA ID **DOCNUMBER** 

9/1/1992

EPA-451/R-92-002

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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11		-

ESTIMATING POTENTIAL FOR OCCURRENCE OF DNAPL AT SUPERFUND SITES.

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1992

9355.4-07FS

C218

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND. VOL 1. HUMAN HEALTH EVALUATION MANUAL SUPPLEMENTAL GUIDANCE; STANDARD

DEFAULT EXPOSURE FACTORS, INTERIM FINAL. OSWER/EPA ID

DOCDATE 3/25/1991

9285.6-03

DOCNUMBER

TITLE

FINAL GUIDELINES FOR EXPOSURE ASSESSMENT, PGS. 22888 - 22938.

DOCDATE 5/29/1992

OSWER/EPA ID

**DOCNUMBER** 

C220

C219

TITLE

REDUCING RISK: SETTING PRIORITIES AND STRATEGIES FOR ENVIRONMENTAL PROTECTION

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1990 SAB-EC-90-021 C221

TITLE

SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION, OF SYSTEMS ORGANICS EXTRACTION PROCESS, NEW BEDFORD HARBOR, MA,

APPLICATIONS ANALYSIS REPORT. DOCDATE

DOCNUMBER OSWER/EPA ID

8/1/1990

EPA/540/A5-90/002

C222

PROCEEDINGS OF THE SYMPOSIUM ON SOIL VENTING. APRIL 29 - MAY 1, 1991. HOUSTON, TX.

DOCDATE 9/1/1992

OSWER/EPA ID

DOCNUMBER

EPA/600/R-92/174

TITLE

SITE CHARACTERIZATION FOR SUBSURFACE REMEDIATION, SEMINAR PUBLICATION.

DOCDATE 11/1/1991

OSWER/EPA ID

**DOCNUMBER** 

EPA/625/4-91/026 C224

TITLE

COMPENDIUM OF METHODS FOR THE DETERMINATION OF TOXIC ORGANIC COMPOUNDS IN AMBIENT AIR. INCLUDES SEPT. 1986

SUPPLEMENT EPA/600/4-87/006.

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1984

EPA-600/4-84-041

C225

TITLE

SUPERFUND AUTOMATED RECORDS OF DECISION SYSTEM (RODS) USERS MANUAL.

DOCDATE 8/1/1988

OSWER/EPA ID

EPA/540/G-89/005

**DOCNUMBER** C226

TITLE

DERMAL EXPOSURE ASSESSMENT: PRINCIPLES AND APPLICATIONS, INTERIM REPORT

DOCDATE 1/1/1992

OSWER/EPA ID

**DOCNUMBER** 

EPA/600/8-91/011E

C227

TITLE

HEALTH EFFECTS ASSESSMENT SUMMARY TABLES (HEAST). FY-1994 ANNUAL.

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1994

EPA/540/R-94/020

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

PINETTES FEASIBILITY STUDY (FS) SCOPING MEETING. HANDOUT.

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

B/18/1987

TITLE

PROPOSAL FOR THE CONNECTICUT CLEAN-UP STANDARD REGULATIONS.

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

12/1/1994

C230

C229

TITLE

STREAMLINED APPROACH FOR SETTLEMENTS WITH DE MINIMIS WASTE CONTRIBUTORS UNDER CERCLA SECTION 122 (g)(1)(A).

DOCDATE 7/30/1993

OSWER/EPA ID

**DOCNUMBER** 

OSWER #9834.7-1D

TITLE

INTERIM CASHOUT SETTLEMENT PROCEDURES.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/7/1992

C232

TITLE

CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS OF THE UNITED STATES

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

12/1/1979

FWS/08S-79/31

C233

INTERIM GUIDELINES AND SPECIFICATIONS FOR PREPARING QUALITY ASSURANCE PROJECT PLANS.

**DOCDATE** 12/29/1980 OSWER/EPA ID QAMS-005/80

DOCNUMBER

C234

TITLE

RISK ASSESSMENT IN SUPERFUND: A PRIMER. FIRST EDITION. SEPTEMBER 1990.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

4/1/1991 EPA/540/X-91/002

C235

TITLE

INNOVATIVE TREATMENT TECHNOLOGIES: OVERVIEW AND GUIDE TO INFORMATION SOURCES.

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1991

EPA/540/9-91/002

C236

TITLE

SUPERFUND INNOVATIVE TECHNOLOGY EVALUATION. TERRA VAC IN SITU VACUUM EXTRACTION SYSTEM. APPLICATIONS ANALYSIS

REPORT.

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

7/1/1989

EPA/540/A5-89/003

C237

TITLE

ASBESTOS-CONTAINING MATERIALS IN SCHOOL BUILDINGS: A GUIDANCE DOCUMENT, PART I

DOCDATE 3/1/1979

OSWER/EPA ID C00090

**DOCNUMBER** 

TITLE

C238

GUIDÂNCE ON LANDOWNER LIABILITY UNDER SECTION 107(a)(1) OF CERCLA, DE MINIMIS SETTLEMENTS UNDER SECTION 122(g)(1)(B) OF

CERCLA.

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

6/6/1989

9835.9

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE	CHUDANCE ON LANDOW	NER LIABILITY UNDER SECTION 107(a)1 OF CERCLA, DE MINIMIS SETTLEMENTS UNDER SECTION
	CERCLA, FACT SHEET.	HENCEMBER 1 OFFICE A COLUMN TO THE COLUMN TO WINNING SETTEMENTS DISCUSSION
DOCDATE	OSWER/EPA ID	DOCNUMBER
 5/1/1991	9835.9FS	G240
TITLE BRODHEAD CE	REEK, STROUDSBURG, P	PAL EPA REGION III. RECORD OF DECISION, MAY BE VIEWED AT THE EPA NEW ENGLAND LIBRARY.
DOCDATE 3/29/1991	OSWER/EPA ID	DOCNUMBER C241
TITLE FAIRFIELD CO	AL GASIFICATION, FAIRE	ELD, IA. EPA REGION VII. RECORD OF DECISION, MAY BE VIEWED AT EPA NEW ENGLAND LIBRARY.
9/1/1990	OSWER/EPA ID	DOCNUMBER C242
TITLE LIQUID DISPO	SAL, INC., UTICA, MI. EPA	REGION V. RECORD OF DECISION, MAY BE VIEWED AT EPA NEW ENGLAND LIBRARY
 DOCDATE 9/30/1987	OSWER/EPA ID	DOCNUMBER C243
TITLE PEOPLES NAT ENGLAND LIBI DOCDATE 9/1/1991		CATION, DUBUQUE, IA. EPA REGION VII. RECORD OF DECISION. MAY BE VIEWED AT EPA NEW  DOCNUMBER  C244
 TITLE PEPPER STEE	L. FLORIDA, EPA REGIO	N IV. ENFORCEMENT DECISION DOCUMENT. MAY BE VIEWED AT EPA NEW ENGLAND LIBRARY.
DOCDATE 3/19/1986	OSWER/EPA ID	DOCNUMBER C245
 TILE		
WIDE BEACH.	NEW YORK, EPA REGIO	N II. RECORD OF DECISION. MAY BE VIEWED AT EPA NEW ENGLAND LIBRARY.
WIDE BEACH.  BOCDATE  9/30/1965	NEW YORK, EPA REGION	NII. RECORD OF DECISION. MAY BE VIEWED AT EPA NEW ENGLAND LIBRARY.  DOCNUMBER  C246
 DOCDATE 9/30/1985 TITLE	OSWERÆPA ID	DOCNUMBER
DOCDATE 9/30/1985 TITLE	OSWERÆPA ID	DOGNUMBER C246
DOCDATE 9/30/1965 TITLE DESIGN AND C DOCDATE 5/1/1991 TITLE	OSWER/EPA ID  CONSTRUCTION OF RCR  OSWER/EPA ID  EPA/625/4-91/025	DOCNUMBER C246  A/CERCLA FINAL COVERS.  DOCNUMBER
DOCDATE 9/30/1965 TITLE DESIGN AND O DOCDATE 5/1/1991 TITLE	OSWER/EPA ID  CONSTRUCTION OF RCR  OSWER/EPA ID  EPA/625/4-91/025	DOCNUMBER C246  A/CERCLA FINAL COVERS.  DOCNUMBER C247
DOCDATE 9/30/1965 TITLE DESIGN AND O DOCDATE 5/1/1991 TITLE GUIDE FOR CO DOCDATE 9/1/1991 TITLE INTERIM FINA	OSWER/EPA ID  CONSTRUCTION OF RCR  OSWER/EPA ID  EPA/625/4-91/025  DIDUCTING TREATABILE  OSWER/EPA ID  EPA/540/2-91/019A	DOCNUMBER C246  A/CERCLA FINAL COVERS.  DOCNUMBER C247  TY STUDIES UNDER CERCLA: SOIL VAPOR EXTRACTION. INTERIM GUIDANCE, DOCNUMBER
DOCDATE 9/30/1965  TITLE DESIGN AND O DOCDATE 9/1/1991  TITLE GUIDE FOR CO DOCDATE 9/1/1991  TITLE INTERIM FINA RECORD OF D DOCDATE 6/1/1989	OSWER/EPA ID  CONSTRUCTION OF RCR  OSWER/EPA ID  EPA/625/4-91/025  DNDUCTING TREATABILI  OSWER/EPA ID  EPA/540/2-91/019A  L GUIDANCE ON PREPAF DECISION AMENDMENT.  OSWER/EPA ID  OSWER/#9355.3-02	DOCNUMBER C246  A/CERCLA FINAL COVERS.  DOCNUMBER C247  TY STUDIES UNDER CERCLA: SOIL VAPOR EXTRACTION. INTERIM GUIDANCE.  DOCNUMBER C248  RING SUPERFUND DECISION DOCUMENTS: PROPOSED PLAN, RECORD OF DECISION, ESD'S DOCNUMBER
DOCDATE 9/30/1965  TITLE DESIGN AND CO DOCDATE 9/1/1991  TITLE GUIDE FOR CO DOCDATE 9/1/1991  TITLE INTERIM FINA RECORD OF CO DOCDATE 6/1/1989  TITLE FURTHERING	OSWER/EPA ID  CONSTRUCTION OF RCR  OSWER/EPA ID  EPA/625/4-91/025  DNDUCTING TREATABILI  OSWER/EPA ID  EPA/540/2-91/019A  L GUIDANCE ON PREPAR DECISION AMENDMENT.  OSWER/EPA ID  OSWER/	DOCNUMBER C246  A/CERCLA FINAL COVERS.  DOCNUMBER C247  TY STUDIES UNDER CERCLA: SOIL VAPOR EXTRACTION. INTERIM GUIDANCE.  DOCNUMBER C248  RING SUPERFUND DECISION DOCUMENTS: PROPOSED PLAN, RECORD OF DECISION, ESD'S DOCNUMBER C249  E TREATMENT TECHNOLOGIES IN OSWER PROGRAMS. MISSING PGS. 15 & i.
DOCDATE 9/30/1965  TITLE DESIGN AND O DOCDATE 9/1/1991  TITLE GUIDE FOR CO DOCDATE 9/1/1991  TITLE INTERIM FINA RECORD OF D DOCDATE 6/1/1989	OSWER/EPA ID  CONSTRUCTION OF RCR  OSWER/EPA ID  EPA/625/4-91/025  DNDUCTING TREATABILI  OSWER/EPA ID  EPA/540/2-91/019A  L GUIDANCE ON PREPAF DECISION AMENDMENT.  OSWER/EPA ID  OSWER/#9355.3-02	DOCNUMBER C246  A/GERCLA FINAL COVERS.  DOCNUMBER C247  TY STUDIES UNDER CERCLA: SOIL VAPOR EXTRACTION. INTERIM GUIDANCE.  DOCNUMBER C248  RING SUPERFUND DECISION DOCUMENTS: PROPOSED PLAN, RECORD OF DECISION, ESD'S  DOCNUMBER C249

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

ECOLOGICAL ASSESSMENT OF HAZARDOUS WASTE SITES: A FIELD AND LABORATORY REFERENCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/1/1989

EPA/600/3-89/013

C251

TITLE

TRANSPORT AND FATE OF CONTAMINANTS IN THE SUBSURFACE, SEMINAR PUBLICATION.

DOCDATE 9/1/1989

OSWER/EPA ID EPA/625/4-89/019 DOCNUMBER

TITLE

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/1/1989 EPA/444/4-89-001 C253

TITLE

GUIDE ON REMEDIAL ACTIONS AT SUPERFUND SITES WITH PCB CONTAMINATION. QUICK REFERENCE FACT SHEET

RAPID BIOASSESSMENT PROTOCOLS FOR USE IN STREAMS AND RIVERS, BENTHIC MACROINVERTEBRATES AND FISH.

DOCDATE 8/1/1990

OSWER/EPA ID

DOCNUMBER

OSWER #9355.4-01FS C254

TITLE STRUCTURE AND COMPONENTS OF FIVE YEAR REVIEWS.

DOCDATE

OSWER/FPA ID

DOCNUMBER

5/23/1991

OSWER #9355.7-02

C255

TITLE

COMPLIANCE WITH THE CLEAN AIR ACT AND ASSOCIATED AIR QUALITY REQUIREMENTS. ARARS FACT SHEET.

DOCDATE 9/1/1992

OSWER/EPA ID DOCNUMBER

OSWER #9234.2-22FS C256

TITLE

CONTAMINANTS AND REMEDIAL OPTIONS AT SELECTED METAL-CONTAMINATED SITES.

DOCDATE

OSWER/EPA IO EPA/540/R-95/512 **DOCNUMBER** 

7/1/1995

C257

TITLE

GROUND-WATER TREATMENT TECHNOLOGY RESOURCE GUIDE.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1994

EPA/542-8-94-009

C258

TITLE

GUIDE TO ADDRESSING PRE-ROD AND POST-ROD CHANGES.

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/1/1991

OSWER #9355.02FS-4

C259

TITLE

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK

DOCDATE

OSWER/EPA ID

DOCMUMBER

3/1/1986

OSWER #9230.0-3A

C260

TITLE

SUPERFUND REFORMS: UPDATING REMEDY DECISIONS MEMORANDUM

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

9/27/1996

EPA 540/F-96/026

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

AMBIENT WATER QUALITY CRITERIA FOR ARSENIC - 1984

DOCDATE

OSWER/FPA ID

DOCNUMBER

1/1/1985

EPA 440/5-84-033

C262

TITLE

SUPERFUND REMOVAL PROCEDURES ACTION MEMORANDUM GUIDANCE

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1990

OSWER #9360.3-01

C263

USER'S GUIDE TO THE VOCS IN SOILS PRESUMPTIVE REMEDY

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1996

OSWER #9355.0-63FS

C264

TITLE

RESIDENTS GUIDE TO TEMPORARY RELOCATION, RALPH GRAY TRUCKING COMPANY SUPERFUND SITE, WESTMINSTER, CA. (REVISED

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

3/1/1995

C265

TITLE

EFFECT OF SUPERFUND ON INVOLUNTARY ACQUISITIONS OF CONTAMINATED PROPERTY BY GOVERNMENT ENTITIES QUICK

REFERENCE FACT SHEET

DOCDATE 12/1/1995

OSWER/EPA ID

**DOCNUMBER** 

C266

TITLE

ENGINEERING FORUM ISSUE PAPER: SOIL VAPOR EXTRACTION IMPLEMENTATION EXPERIENCES

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

4/1/1996

OSWER #9200.5-223FS C267

TITLE

ECO UPDATE, ECOLOGICAL SIGNIFICANCE AND SELECTION OF CANDIDATE ASSESSMENT ENDPOINTS, INTERMITTENT BULLETIN VOLUME

3. NUMBER 1

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1996

OSWER #9345.0-11FSI C268

ECO UPDATE, ECOTOX THRESHOLDS, INTERMITTENT BULLETIN VOLUME 3, NUMBER 2

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1996

OSWER #9345.0-12FSI C269

INITIATIVES TO PROMOTE INNOVATIVE TECHNOLOGY IN WASTE MANAGEMENT PROGRAMS

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/29/1996

OSWER #9380.0-25

TITLE

FINAL POLICY TOWARD OWNERS OF PROPERTY CONTAINING CONTAMINATED AQUIFERS

C271

DOCDATE 5/24/1995

OSWER/EPA ID

**DOCNUMBER** 

TITLE

GUIDANCE ON AGREEMENTS WITH PROSPECTIVE PURCHASERS OF CONTAMINATED PROPERTY

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

5/24/1995

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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GROUNDWATER USE AND VALUE DETERMINATION GUIDANCE. A RESOURCE-BASED APPROACH TO DECISION MAKING, FINAL DRAFT,

DOCDATE

**OSWERJEPA ID** 

DOCNUMBER

4/3/1996

C273

TITLE

INNOVATIVE TREATMENT TECHNOLOGIES: ANNUAL STATUS REPORT (FIFTH EDITION)

DOCDATE 9/1/1993

OSWER/EPA ID EPA 542-R-93-003 **DOCNUMBER** C274

TITLE GUIDE TO DEVELOPING SUPERFUND NO ACTION, INTERIM ACTION, AND CONTIGENCY REMEDY RODS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

4/1/1991

OSWER #9355_3-02FS-3 C275

TITLE

ROLE OF THE BASELINE RISK ASSESSMENT IN SUPERFUND REMEDY SELECTION DECISIONS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

4/22/1991

OSWER #9355.0-30

C276

TITLE

RISK-BASED CONCENTRATION TABLE, THIRD QUARTER 1994

DOCDATE

OSWER/EPA IO

**DOCNUMBER** 

7/11/1994

C277

TITLE

FINAL GROUND WATER USE AND VALUE DETERMINATION GUIDANCE

DOCDATE 4/4/1996

OSWER/EPA ID

DOCNUMBER

C278

OSWER/EPA ID

TITLE

DOCUMENTATION OF CLOSE OUT REQUIREMENTS AT SITES WHERE THERE IS NO ACTION RECORD OF DECISION (DOCUMENT MISSING)

**DOCDATE** 

TITLE

DOCNUMBER

2/2/1993

ARAR'S FACT SHEET: COMPLIANCE WITH CLEAN THE CLEAN AIR ACT AND ASSOCIATED AIR QUALITY REQUIREMENTS

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1992

C281

C279

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986

DOCDATE

OSWER/EPA ID

**DOCNUMBER** C282

TITLE

DETERMINATION OF IMMINENT AND SUBSTANIAL ENDANGERMENT FOR REMOVAL ACTIONS

DOCDATE 8/19/1993

OSWER/EPA ID OSWER #360 0-34

**DOCNUMBER** C283

TITLE

TRANSMITTAL OF SUPERFUND REMOVAL PROCEDURES-REMOVAL ENFORCEMENT GUIDANCE FOR ON-SCENE COORDINATORS

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/6/1992

OSWER #9360.3-06

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

TRANSMITTAL OF SUPERFUND REMOVAL PROCEDURES -- PUBLIC PARTICIPATION GUIDANCE FOR ON-SCENE COORDINATORS:

COMMUNITY RELATIONS AND THE ADMINISTRATIVE RECOR

DOCDATE 6/23/1992

OSWER/EPA ID

**DOCNUMBER** 

OSWER #9360.3-05

C285

TITLE

TOXICOLOGICAL PROFILE FOR POLYCHLORINATED BIPHENYLS (UPDATE)

DOCDATE.

OSWER/EPA ID

DOCNUMBER

9/1/1997

C286

TITLE

REGULATION FILING AND PUBLICATION-REGULATION CHAPTER NUMBER AND HEADING: 310 CMR 40.000

**DOCDATE** 11/19/1993 OSWER/EPA ID

DOCNUMBER

C287

TITLE

**RISK UPDATE ISSUE NO. 2** 

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1994

TITLE

POLYCHLORINATED BIPHENYLS (PCBS): DERMAL ABSORPTION, SYSTEMIC ELIMINATION, AND DERMAL WASH EFFICIENCY

DOCDATE 1/1/1983

OSWER/EPA ID

DOCNUMBER

C289

TITLE

EFFECT OF INTRAUTERINE PCB EXPOSURE ON VISUAL RECOGNITION MEMORY

DOCDATE 1/1/1985

OSWER/EPA ID

**DOCNUMBER** 

C290

TITLE

STUDY OF HUMAN LACTATION FOR EFFECTS OF ENVIRONMENTAL CONTAMINANTS: THE NORTH CAROLINA BREAST MILK AND FORMULA

PROJECT AND SOME OTHER IDEAS

DOCDATE 1/1/1985

OSWER/EPA ID

DOCNUMBER

C291

TITLE

POTENTIAL REPRODUCTIVE AND POSTNATAL MORBIDITY FROM EXPOSURE TO POLYCHLORINATED BIPHENYLS: EPIDEMIOLOGIC

CONSIDERATIONS

DOCDATE

**DOCNUMBER** 

1/1/1985

OSWER/EPA ID

C292

C293

C294

IN VIVO IN VITRO ABSORPTION AND BINDING TO POWDERED STRATUM CORNEUM AS METHODS TO EVALUATE SKIN ABSORPTION OF

ENVIRONMENTAL CHEMICAL CONTAMINANTS.

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1987 TITI F

STATISTICAL METHODS FOR ENVIRONMENTAL POLLUTION MONITORING

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1987

SUPERFUND REMOVAL PROCEDURES: ACTION MEMORANDUM GUIDANCE (EPA/540/P-90/004)

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1990

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

CONGENITAL POISIONING BY POLYCHLORINATED BIPHENYLS AND THEIR CONTAMINANTS IN TAIWAN

DOCDATE 1/1/1988

OSWER/EPA ID

**DOCNUMBER** 

C296

TITLE

POTENTIAL FOR BIOLOGICAL EFFECTS OF SEDIMENT-SORBED CONTAMINATS TESTED IN THE NATIONAL STATUS AND TRENDS PROGRAM

DOCDATE 8/1/1991

OSWER/EPA ID

DOCNUMBER C510

TITLE

PERCUTANEOUS ABSORPTION AND SKIN DECONTAMINATION OF PCBS: IN VITRO STUDIES WITH HUMAN SKIN AND IN VIVO STUDIES IN

THE RHESUS MONKEY

**DOCDATE** OSWER/EPA ID

1/1/1990

DOCNUMBER

C299

TITLE

EFFECTS OF EXPOSURE OF TO PCBS AND RELATED COMPOUNDS ON GROWTH AND ACTIVITY IN CHILDREN

**DOCDATE** 

OSWER/EPA ID

OSWER/EPA ID

**DOCNUMBER** 

1/1/1990

C300

C301

TITLE

POLYCHLORINATED BIPHENYLS AND THE DEVELOPING NERVOUS SYSTEM: CROSS-SPECIES COMPARISIONS

DOCDATE

**DOCNUMBER** 

1/1/1990

TITLE

EFFECTS OF IN UTERO EXPOSURE TO POLYCHLORINATED BIPHENYLS AND RELATED CONTAMINANTS ON COGNITIVE FUNCTIONING IN

YOUNG CHILDREN

DOCDATE

DOCNUMBER

OSWER/EPA ID 1/1/1990

C302

PERCUTANEOUS ABSORPTION OF PCBS FROM SOIL: IN VIVO RHESUS MONKEY, IN VITRO HUMAN SKIN, AND BINDING TO POWDERED **HUMAN STRATUM CORNEUM** 

DOCDATE

TITLE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1993

C303

C308

TITLE

ESTIMATING CONSUMPTION OF FRESHWATER FISH AMONG MAINE ANGLERS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1993

TITLE

NEUROTOXCITY OF LEAD, METHYLMERCURY, AND PCBS IN RELATION TO THE GREAT LAKES

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1995

C309

TITLE

EFFECT OF POSTNATAL EXPOSURE TO A PCB MIXTURE IN MONKEYS ON MULTIPLE FIXED INTERVAL-FIXED RATIO PERFORMANC

**DOCDATE** 1/1/1997

OSWER/EPA ID

**DOCNUMBER** 

TITLE

WORKSHOP REPORT ON DEVELOPMENTAL NEUROTOXIC EFFECTS ASSOCIATED WITH EXPOSURE TO PCBS- SEPTEMBER 14-15, 1992

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

5/1/1993

C312

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

LAND USE IN THE CERCLA REMEDY SELECTION PROCESS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1995

OSWER #9355.704

C317

TITLE

TOXICOLOGICAL CONSEQUENCES OF AROCLOR 1254 INGESTION BY FEMALE RHESUS (MACACA MULATTA) MONKEYS, PART 2.

REPRODUCTION AND INFANT FINDINGS

DOCDATE 1/1/1995

OSWER/FPA ID

DOCNUMBER

C318

TITLE

WATER QUALITY GUIDANCE FOR THE GREAT LAKES SYSTEM: SUPPLEMENTARY INFORMATION DOCUMENT (SID) (EPA-820-B95-001)

DOCDATE 3/1/1995

OSWER/EPA ID

**DOCNUMBER** 

C324

TITLE

PUBLIC HEALTH IMPLICATIONS OF PCB EXPOSURES

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1996

C329

TITLE

LESSONS FOR NEUROTOXICOLOGY FROM SELECTED MODEL COMPOUNDS: SGOMSEC JOINT REPORT

DOCDATE 4/1/1996

**DOCNUMBER** 

C330

PCBS: CANCER DOSE-RESPONSE ASSESSMENT AND APPLICATION TO ENVIRONMENTAL MIXTURES

DOCDATE 9/1/1996

OSWER/EPA ID

OSWER/EPA ID

**DOCNUMBER** 

C340

TITLE

HEALTH ADVISORIES FOR CONSUMERS OF GREAT LAKES SPORT FISH: IS THE MESSAGE BEING RECEIVED?

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1997

C347

TITLE

DERMAL WORKGROUP RESPONSE TO GE'S CHALLENGE TO THE SOIL DERMAL ABSORPTION VALUE FOR PCBS OF 14%

DOCDATE 1/27/1998

OSWERJEPA ID

DOCNUMBER

C350

TITLE

EXPOSURE FACTORS HANDBOOK: GENERAL FACTORS, VOLUME I

DOCDATE 8/1/1997

OSWER/EPA ID EPA/600/P-95/002FA **DOCNUMBER** 

C356

TITLE

ECOLOGICAL RISK ASSESSMENT GUIDANCE FOR SUPERFUND PROCESS FOR DESIGNING AND CONDUCTING ECOLOGICAL RISK

ASSESSMENTS (EPA 540-R-97-006)

DOCDATE 6/2/1997

OSWER/EPA ID

**DOCNUMBER** 

C361

TITLE

REVIEW OF ECOLOGICAL ASSESSMENT CASE STUDIES FROM A RISK ASSESSMENT PERSPECTIVE

DOCDATE

OSWER/EPA ID

DOCNUMBER

5/1/1993

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

SPECIAL REPORT ON ENVIRONMENTAL ENDOCRINE DISRUPTION: AN EFFECTS ASSESSMENT AND ANALYSIS

DOCDATE 6/29/1997

OSWER/EPA ID

**DOCNUMBER** 

C362

TITLE

FRAMEWORK FOR ECOLOGICAL RISK ASSESSMENT (EPA/630/R-92/001)

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

2/1/1992

C364

TITLE

REPORT FROM THE WORKSHOP ON THE APPLICATION OF 2,3,7,8 -TCDD TOXCITY EQUIVALENCY FACTORS TO FISH AND WILDLIFE

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

3/31/1998

C365

TITLE

DRAFT FINAL GUIDELINES FOR ECOLOGICAL RISK ASSESSMENT

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

7/18/1997

C366

TITLE

REVIEW OF ECOLOGICAL ASSESSMENT CASE STUDIES FROM A RISK ASSESSMENT PERSPRECTIVE - VOLUME II (EPA/630/R-94/003)

DOCDATE

DOCNUMBER

1/1/1994

C367

TOXICOLOGICAL BENCHMARKS FOR WILDLIFE: 1996 REVISION

DOCDATE 6/1/1996

OSWER/EPA ID

OSWER/EPA ID

**DOCNUMBER** C368

TITLE

ECOLOGICAL RISK ASSESSMENT ISSUE PAPERS (EPA/630/R-94/009)

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

11/1/1994

C369

TITLE

ENFORCEMENT UNDER SACM - INTERIM GUIDANCE (VOL. 1, NO. 3)

**DOCDATE** 

OSWER/EPA IO

DOCNUMBER

1/20/1992

OSWER #9203.1-051

C370

TITLE

SACM REGIONAL DECISION TEAMS - INTERIM GUIDANCE (VOLUME I, NO. 5)

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1992

OSWER #9203.1-05I

C371

TITLE

SAB REPORT: REVIEW OF SEDIMENT CRITERIA DEVELOPMENT METHODOLOGY FOR NON-IONIC ORGANIC CONTAMINANTS

(EPA-SAB-EPEC-92-002)

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1992

C372

TITLE

TOXICOLOGICAL BENCHMARKS FOR SCREENING POTENTIAL CONTAMINANTS OF CONCERN FOR EFFECTS ON AQUATIC BIOTA: 1994

REVISION

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/1/1994

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

**EVALUATION OF BIOMARKERS IN BROWN BULLHEAD** 

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/22/1996

C377

TITI F

UPTAKE OF PLANAR POLYCHLORINATED BIPHENYLS AND 2,3,7,8 - SUBSTITUTED POLYCHLORINATED DIBENZOFURANS BY BIRDS NESTING IN THE LOWER FOX RIVER

**DOCNUMBER** 

DOCDATE

1/1/1993

OSWER/EPA ID

C378

TITLE

CURRENT STATUS OF PCB TOXCITY TO MINK, AND EFFECT ON THEIR REPRODUCTION

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1977

C379

TITLE

POLYCHLORINATED BIPHENYLS (AROCLORS 1016 AND 1242); EFFECTS ON SURVIVAL AND REPRODUCTION IN MINK AND FERRET

DOCDATE 1/1/1980

OSWER/EPA ID

DOCNUMBER

C380

TITLE

MONO-ORTHO-CHLORINATED CHLORBIPHENYLS: TOXCITY AND INDUCTION OF 7-ETHOYRESPRUFIN 0-DEETHYLASE (EROD) ACTIVITY IN

CHICK EMBRYOS

DOCDATE 1/1/1990

DOCNUMBER

OSWER/EPA ID

C381

TITLE

**EPA'S CONTAMINATED SEDIMENT MANAGEMENT STRATEGY** 

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

11/1/1997 C382

TITLE

**ESTIMATING EXPOSURE OF TERRESTIAL WILDLIFE TO CONTAMINANTS** 

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1994

C383

TITLE

POLYCHLORINATED BIPHENYL HAZARDS TO FISH, INVERTEBRATES: A SYNOPTIC REVIEW

DOCDATE 4/1/1986

OSWER/EPA ID

**DOCNUMBER** 

TITLE

C386

EFFECT OF PCB INGESTION ON SLEEPING TIMES, ORGAN WEIGHTS, FOOD CONSUMPTION, SERUM CORTICOSTERONE, AND SURVIVAL OF ALBINO MICE

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1974

C388

TITLE

BIOACCUMULATION OF TOXICANTS, ELEMENT AND NUTRIENT COMPOSITION, AND SOFT TISSUE HISTOLOGY OF ZEBRA MUSSEL! (DREISSENA POLYMORPHA) FROM NEW YORK STATE

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1993

C389

TITLE

GUIDELINES FOR THE PROTECTION AND MANAGEMENT OF AQUATIC SEDIMENT QUALITY IN ONTARIO

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1996

EPA guidance documents may be reviewed at the EPA Region 1 Superfund Records Center in Boston, Massachusetts.

TITLE

ASSESSMENT OF THE REPRODUCTIVE TOXIC POTENTIAL AROCLOR 1254 IN FEMALE SPRAGUE-DAWLEY RATS

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER C391

1/1/1982

MICROBIAL DEGRADATION OF POLYCHLORINATED BIPHENYLS IN AQUATIC ENVIRONMENTS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1992

C392

TITLE

WATER-RELATED ENVIRONMENTAL FATE OF 129 PRIORITY POLLUTANTS (VOLUME I) (EPA-440/4-79-029A)

DOCDATE 12/1/1979

OSWER/EPA ID

DOCNUMBER

C393

TITLE

ENVIRONMENTAL CONTAMINANTS AND REPRODUCTIVE SUCCESS OF GREAT BLUE LAKE HERONS ARDEA HERODIAS IN BRITISH

**COLUMBIA, 1986-87** 

DOCDATE OSWER/EPA ID **DOCNUMBER** 

1/1/1989

C394

TITLE

TECHNICAL BASIS FOR ESTABLISHING SEDIMENT QUALITY CRITERIA FOR NONIONIC ORGANIC CHEMICALS USING EQUILIBRIUM

**PARTITIONING** 

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1991

C395

SUPERFUND REMOVAL PROCEDURES SPECIAL CIRCUMSTANCES AND FACT SHEET

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/22/1998

OSWER #9360.3-09FS

TITLE

GUIDANCE ON THE CONSIDERATION OF ARARS DURING REMOVAL ACTIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/23/1991

OSWER #9360.3-02

C297

TITLE

FRAMEWORK FOR ECOLOGICAL RISK ASSESSMENT AT THE EPA

DOCDATE

OSWER/EPA ID

**DOCNUMBER** C396

1/1/1992

TITLE

TROPHODYNAMIC ANALYSIS OF POLYCHLORINATED BIPHENYL CONGENERS AND OTHER CHLORINATED HYDROCARBONS IN THE LAKE

**ONTARIO ECOSYSTEM** 

DOCDATE OSWER/EPA ID

DOCNUMBER C397

1/1/1988 TITLE

GUIDELINES FOR DERIVING SITE-SPECIFIC SEDIMENT QUALITY CRITERIA FOR THE PROTECTION OF BENTHIC ORGANISMS

(EPA-822-R-93-017)

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1993

C398

TITLE

TECHNICAL BASIS FOR DERIVING SEDIMENT QUALITY CRITERIA FOR NONIONIC ORGANIC CONTAMINANTS FOR THE PROTECTION OF

BENTHIC ORGANISMS BY (epa-822-R-93-011)

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1993

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

GREAT LAKES WATER QUALITY INITIATIVE CRITERIA DOCUMENTS FOR THE PROOTECTION OF WILDLIFE (PROPOSED) DOT MERCURY

2,3,7,8 - TCDD PC8S

DOCDATE

4/1/1983

**DOCNUMBER** C400

AROCLOR 1254 RESIDUES IN BIRDS: LETHAL LEVELS AND LOSS RATES

DOCDATE

OSWER/EPA ID

OSWER/EPA ID

**DOCNUMBER** 

1/1/1984

C401

TITLE

CHARACTERIZATION OF COMMERCIAL AROCLORS BY AUTOMATED MASS SPECTROMETRIC DETERMINATION OF POLYCHLORINATED

BIPHENYLS BY LEVEL OF CHLORINATION

DOCDATE 1/1/1986

OSWER/EPA ID

**DOCNUMBER** 

C402

TITLE

MICROCONTAMINANTS AND REPRODUCTIVE IMPAIRMENT OF THE FORSTER'S TERN ON GREEN BAY, MICHIGAN - 198

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1989

C403

TITLE

MORPHOLOGICAL CHANGES IN LIVERS OF RATS FED POLYCHLORINATED BIPHENYLS

DOCDATE 11/1/1972

OSWER/EPA ID

DOCNUMBER

C404

TITLE

LETHAL DIETARY TOXCITIES OF ENVIRONMENTAL CONTAMINANTS AND PESTICIDES TO COTURNIX- FISH AND WILDLIFE TECHICAL

REPORT 2

DOCDATE

OSWER/EPA ID 1/1/1986

DOCNUMBER

C405

ENDPOINTS FOR RESPONSES OF FISH TO CHRONIC TOXIC EXPOSURES - (HAZARD ASSESSMENT)

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1987

C406

TITLE

DIETARY ACCUMULATION OF PCBS FROM A CONTAMINATED SEDIMENT SOURCE BY A DERMERSAL FISH (LEIOSTOMUS XANTHURUS)

DOCDATE

OSWER/EPA ID

DOCNUMBER C407

1/1/1984

SUBLETHAL RESPONSES OF PLATICHTHYS STELLATUS TO ORGANIC CONTAMINATION IN SAN FRANSISCO BAY WITH EMPHASIS ON

REPRODUCTION

OSWER/EPA ID DOCDATE

DOCNUMBER C408

1/1/1990

TITLE HEPATIC MICROSOMAL MONOOXYGENASES OF SEA BIRDS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1984

TITLE PCBS: STRUCTURE-FUNCTION RELATIONSHIPS AND MECHANISM OF ACTION

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1985

C410

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

PERINATAL PCB EXPOSURE AND ITS EFFECT ON THE IMMUNE SYSTEM OF YOUNG RABBITS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1980

C411

TITLE

DIETARY EFFECTS OF POLYCHLORINATED BIPHENYLS ON MINK

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

10/1/1973

C412

TITLE

DETERMINATION OF CRITICAL POLLUTANT LEVELS IN WILD POPULATIONS, WITH EXAMPLES FROM ORGANOCHLORINE INSECTICIDES IN

**BIRDS OF PREY** 

DOCDATE 1/1/1988

OSWER/EPA ID

**DOCNUMBER** 

C413

TITLE

EFFECT OF POLYCHLORINATED BIPHENYLS ON RAT REPRODUCTION

1/1/1974

OSWER/EPA ID

DOCNUMBER

C415

TITLE

ROLE OF BTAG'S IN ECOLOGICAL ASSESSMENT -ECO UPDATE - VOL. 1, NO. 1

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

9/1/1991

OSWER #9345.0-05I

C416

TITLE

EFFECT OF POLYCHLORINATED BIPHENYLS (AROCLOR 1260) ON HISTOLOGY OF ADRENAL OF RATS

DOCDATE

1/1/1993

DOCNUMBER

C417

TITLE

INCIDENCE OF ADVERSE BIOLOGICAL EFFECTS WITHIN RANGES OF CHEMICAL CONCENTRATIONS IN MARINE AND ESTUARINE

SEDIMENTS

DOCDATE

OSWER/EPA ID

OSWER/EPA ID

DOCNUMBER

1/1/1995

C418

TITLE

BIOACCUMULATION OF POLYCHLORINATED ORGANIC CONTAMINANTS FROM SEDIMENT BY THREE MENTHIC MARINE SPECIES

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

1/1/1993

C420

TITLE

BIOACCUMULATION PATTERNS OF HYDROCARBONS AND POLYCHLORINATED BIPHENYLS IN BIVALVES, CRUSTACEANS AND FISHES

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1993

C420

TITLE

ENDOCRINE BIOMARKERS, ORGANOCHLORINE AND CONGENER SPECIFIC POLYCHLORINATED BIPHENYLS (PCBS) IN LARGEMOUTH BAS-

(MICROPTERUS SALMOIDES) FROM WOODS POND

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

9/1/1994

C424

TITLE

BIOLOGICAL AND TOXICOLOGICAL EFFECTS OF ENVIRONMENTAL CONTAMINANTS IN FISH AND THEIR EGGS

DOCDATE

OSWER/EPA IO

DOCNUMBER

1/1/1983

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

POSSIBLE EFF	ECTS OF POLYCHLOR	INATED BIPHENYLS ON SEX DETERMINATION IN RAINBOW TROUT
DOCDATE 1/1/1998	OSWER/EPA ID	DOCNUMBER C429
TITLE PATTERNS OF	PCB ACCUMULATION	BY FRY OF LAKE TROUT
DOCDATE 1/1/1981	OSWER/EPA ID	DOCNUMBER C430
TITLE EFFECTS OF F PERFORMANO		E TO A PCB MIXTURE IN MONKEYS ON NONSPATIAL REVERSAL AND DELAYED ALTERNATION
DOCDATE 1/1/1997	OSWER/EPA ID	DOCNUMBER C434
TITLE PCB LITERATU	JRE SEARCH (VARIOUS	S ARTICLES;
DOCDATE 1/1/1997	OSWER/EPA ID	DOCNUMBER C433
TITLE ORGANOCHLO	ORINE AND HEAVY ME	TAL RESIDUES IN STANDARD FILLETS OF COHO AND CHINOOK SALMON OF THE GREAT LAKES- 1980
DOCDATE 1/1/1982	OSWER/EPA ID	DOCNUMBER C435
TITLE FOOD OF VER	TEBRATE PREADATOR	RS ON TROUT WATERS IN NORTH CENTRAL LOWER MICHIGAN
<b>DOCDATE</b> 1/1/1977	OSWER/EPA ID	DOCNUMBER C436
TITLE PATTERNS OF	F ACCUMULATION BY F	RY OF LAKE TROUT
DOCDATE 1/1/1981	OSWER/EPA ID	DOCNUMBER C437
TITLE BIOLOGICAL A	AND TOXICOLOGICAL E	FFECTS OF ENVIRONMENTAL CONTAMINANTS IN FISH AND THEIR EGGS
DOCDATE 1/1/1983	OSWER/EPA ID	DOCNUMBER C438
TITLE STUDY OF TH	E HEPATIC MONOXYO	SENASE OF SEA BIRDS AND ITS RELATIONSHIP TO ORGANCHLORINE POLLUTANTS

2,3,7,8 TETRACHLORODIBENZO-P-DIOXIN AND RELATED HALOGENATED AROMATIC HYDROCARBONS: EXAMINATION OF THE MECHANISM

DOCNUMBER

DOCNUMBER

DOCNUMBER

C439

C440

C441

OSWER/EPA ID

OSWER/EPA ID

OSWER/EPA ID

DOCDATE

DOCDATE 1/1/1982

OF TOXCITY

DOCDATE

1/1/1982

PCBS AS AHH INDUCERS

1/1/1982

TITLE

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EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

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INFLUENCE OF SYMMETRICAL POLYCHLORINATED BIPHENYL ISOMERS ON EMBRYO AND FETAL DEVELOPMENT IN MICE

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1989

C442

TITLE

POLYCHLORINATED BIPHENYLS (PCBS): ENVIRONMENTAL IMPACT, BIOCHEMICAL AND TOXIC RESPONSES, AND IMPLICATIONS FOR RISK

ASSESSMENT

DOCDATE 1/1/1994 OSWER/EPA ID

DOCNUMBER C443

TITLE

BELTED KINGFISHERS AS ECOLOGICAL MONTIORS OF CONTAMINATION: A REVIEW

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1993

C444

TITLE

FIELD METABOLIC RATE AND FOOD REQUIREMENT SCALING IN MAMMALS AND BIRDS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1987

C445

TITLE

GUIDELINES FOR DERIVING NUMERICAL NATIONAL WATER QUALITY FOR THE PROTECTION OF AQUATIC ORGANISMS AND THEIR USES

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

1/1/1985

TITLE
POLYCHLORINATED BIPHENYLS (PCBS) AND POLYBROMINATED BIPHENYLS (PBBS): BIOCHEMISTRY, TOXICOLOGY, AND MECHANISM IN

ACTION DOCDATE 1/1/1985

OSWER/EPA ID

DOCNUMBER

C446

C448

C447

TITLE

ENVIRONMENT AND DISEASE: ASSOCIATION OR CAUSATION

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1965

TITLE

SUMMARY OF EPA SEDIMENT POLICY GOALS

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/9/1997

USHEWEPA

C449

TITLE

INITIATION OF FINAL AGENCY REVIEW FOR CONTAMINATED SEDIMENT MANAGEMENT STRATEGY

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/26/1997

C450

TITLE

TRANSFER OF THE CHLORINATED HYDROCARBON PCB IN A LABORATORY MARINE FOOD CHAIR

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1977 TITLE

RESIDUE LEVELS OF ORGANOCHLORINE AND MERCURY COMPOUNDS IN UNHATCHED EGGS AND THE RELATIONSHIPS TO BREEDING

SUCCESS IN WHITE-TAILED SEA EAGLES.

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1982

C457

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

DE RE De	ITLE EVELOPMENT EPRODUCTION OCDATE 1/1984		, AND QUANITATIVE TEST FOR THE ASSESSMENT OF THE EFFECTS OF XENOBIOTICS ON DOCNUMBER C458
	ITLE EPRODUCTION	DECLINE OF HARBOU	R SEALS: PCBS IN THE FOOD AND THEIR EFFECT ON MINK
	OCDATE 1/1983	OSWER/EPA ID	DOCNUMBER C459
	ITLE EPATIC MONO	OXYGENASE INDUCTIO	N AND PROMUTAGEN ACTIVATION IN CHANNEL CATFISH FROM A CONTAMINATED RIVER BASIN
_	OCDATE 1/1988	OSWERÆPA ID	DOCNUMBER C460
	TLE ODELING THE	LONG-TERM BEHAVIOR	OF AN ORGANIC CONTAMINANT IN A LARGE LAKE: APPLICATION TO PCBS IN LAKE ONTARIC
_	OCDATE 1/1989	OSWER/EPA ID	DOCNUMBER C461
	ITLE PA'S CONTAMI	NATED SEDIMENT MAN	AGEMENT STRATEGY
_	OCDATE 1/1998	OSWER/EPA ID	DOCNUMBER C462
	ITLE OSSIBLE EFFE	CTS OF POLYCHLORIN	ATED BIPHENYLS ON SEX DETERMINATION IN RAINBOW TROUT
	OCDATE 1/1998	OSWER/EPA ID	DOCNUMBER C463
	ITLE NVIRONMENTA	AL TRANSPORT AND TR	ANSFORMATION OF POLYCHLORINATED BIPHENYLS
_	OCDATE 1/1983	OSWER/EPA ID	DOCNUMBER C464
	ITLE OLYCHLORINA	TED BIPHENYLS: THEIR	EFFECTS ON PENNED PHEASANTS
	OCDATE 1/1972	OSWER/EPA ID	DOCNUMBER C465
	ITLE ANADIAN WAT	ER QUALITY GUIDELINE	S FOR POLYCHLORINATED BIPHENYLS IN COASTAL AND ESTUARINE WATERS
_	OCDATE 1/1991	OSWER/EPA ID	DOCNUMBER C466
	ITLE RIS SUBSTANC	E FILE: POLYCHLORINA	TED BIPHENYLS (PCBS
_	OCDATE 11/1997	OSWER/EPA ID	DOCNUMBER C467
	ITLE EALTH EFFEC	TS ASSESSMENT SUMM	IARY TABLES - FY 1997 UPDATE (EPA-540-R-97-036)

OSWER/EPA ID

DOCDATE

7/1/1997

DOCNUMBER

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

DERMAL EXPOSURE ASSESSMENT: PRINCIPLES AND APPLICATIONS

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1992

C469

C470

TITLE

DOCUMENTATION FOR THE RISK ASSESSMENT SHORTFORM RESIDENTIAL SCENARIO(POLICY #WCS/ORS-142-92)

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/1/1992

TITLE

DRAFT INTERIM FINAL OSWER MONITORED NATURAL ATTENUATION POLICY

DOCDATE 12/1/1997

OSWER/FPA ID

DOCNUMBER

OSWER # 9200.4-17 C474

TITLE

**EXECUTIVE ORDER 11988 - FLOODPLAIN MANAGEMENT** 

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

5/24/1977

C471

C472

TITLE

**EXECUTIVE ORDER 11990 - PROTECTION OF WETLANDS** 

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

5/24/1977

TITLE

RULES OF THUMB FOR SUPERFUND REMEDY SELECTION (EPA 540-R-97-013)

DOCDATE

OSWER/EPA ID

DOCNUMBER

8/1/1997

OSWER #9355.0-69

C473

TITLE

USE OF MONITORED NATURAL ATTENUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND UNDERGROUND STORAGE TANK SITES

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

11/1/1997

OSWER #9200.4-17

C475

TITLE

TRANSMITTAL OF OSWER DIRECTIVE ON COMPREHENSIVE STATE GROUND WATER PPROTECTION PROGRAMS (CSGWPPS)

DOCDATE

OSWER/EPA ID

DOCNUMBER C476

4/14/1997

OSWER #9283.1-09

LETTER AND ATTACHED MEMORADUM OF AGREEMENT BETWEEN U.S. EPA AND MASS DEP FOR IMPLEMENTATION OF GROUND WATER

**USE AND VALUE DETERMINATION GUIDANCE DOCDATE** OSWER/EPA ID

3/23/1998

**DOCNUMBER** 

TITLE

INNOVATIVE SITE REMEDIATION TECHNOLOGY: CHEMICAL TREATMENT, VOL. 2

DOCDATE

OSWER/EPA ID FPA 542-8-94-004 DOCNUMBER

9/1/1994

C478

TITLE

INNOVATIVE SITE REMEDIATION TECHNOLOGY, SOIL WASHING/SOIL FLUSHING, VOL. 3

DOCDATE

OSWER/EPA ID

11/1/1993

542-8-93-012

DOCNUMBER C479

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

INNOVATIVE REMEDIATION TECHNOLOGY: SOLIDIFICATION/STABILIZATION VOLUME 4

DOCDATE

OSWER/EPA ID 542-B-94-001

DOCNUMBER

6/1/1994

C480

TITLE

INNOVATIVE SITE REMEDIATION TECHNOLOGY- SOLVENT CHEMICAL EXTRACTION VOLUME 5

**DOCDATE** 6/1/1995

OSWERJEPA ID 542-B-94-005

**DOCNUMBER** 

C481

INNOVATIVE SITE REMEDIATION TECHNOLOGY: THERMAL DESORPTION, VOL. 6

DOCDATE

OSWER/EPA ID

DOCNUMBER

11/1/1993 542-B-93-011 C482

TITLE

INNOVATIVE SITE REMEDIATION TECHNOLOGY: THERMAL DESTRUCTION, VOL. 7

DOCDATE 10/1/1994

OSWER/EPA ID

DOCNUMBER

542-B-94-003 C483

TITLE

ENGINNERING BULLETIN: SOLDIFICATION/STABILIZATION OF ORGANICS AND INORGANICS

**DOCDATE** 5/1/1993

OSWER/EPA ID

DOCNUMBER

EPA/540/S-92/015 C484

TITLE

CITIZEN'S GUIDE TO PHYTOREMEDIATION

DOCDATE 8/1/1998

OSWER/EPA ID

**DOCNUMBER** 

EPA 542-F-98-011 C485

TITLE

MANAGEMENT OF REMEDIATION WASTE UNDER RCRA

DOCDATE

OSWER/EPA ID

DOCNUMBER

10/14/1998 EPA530-F-98-026

USE OF THE AREA OF CONTAMINATION (AOC) CONCEPT DURING RCRA CLEANUPS

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

3/13/1996

C487

COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK

OSWER/EPA ID

DOCNUMBER

DOCDATE 1/1/1992

EPA/50/R-92/009

TITLE

TOXICOLOGICAL PROFILE FOR CHLOROBENZENE

DOCDATE

OSWER/EPA ID

**OOCNUMBER** 

12/1/1990

TP-90-06

C489

TITLE

TOXICOLOGICAL PROFILE FOR 1,4-DICHLOROBENZENE (UPDATE)

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1998

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE PRESUMPTIVE COMPOUNDS DOCDATE		ACTERIZATION AND TECHNOLOGY SELECTION FOR CERCLA SITES WITH VOLATILE ORGANIC  DOCNUMBER
9/1/1993	9355.0-48FS	C491
TITLE GASTROINTES	STINAL ABSORPTION OF	SELECTED CHEMICALS: REVIEW OF EVIDENCE FOR DERIVING RELATIVE ABSORPTION FACTORS
DOCDATE 7/1/1993	OSWER/EPA ID CONTRACT 68-WO-003	DOCNUMBER 32 C492
TITLE INVESTIGATIO	ON OF DERMAL CONTACT	WITH SOIL IN CONTROLLED TRIALS
DOCDATE 1/1/1998	OSWER/EPA ID	DOCNUMBER C493
TITLE SOIL REMEDIA	ATION GOALS FOR SPRAG	GUE ELECTRIC BROWN SITE, NORTH ADAMS, MA
DOCDATE 6/3/1992	OSWER/EPA ID	DOCNUMBER C494
TITLE ALTERNATIVE	CAP DESIGN GUIDANCE	PROPOSED FOR UNLINED, HAZARDOUS WASTE LANDFILLS IN EPA REGION !
DOCDATE 9/30/1997	OSWER/EPA ID	DOCNUMBER C495
TITLE FEDERAL REC NO. 46	GISTER, PART II, 40 CFR F	PART 300 NATIONAL OIL AND HAZARDOUS SUBSTANCES CONTIGENCY PLAN, FINAL RULE, VOL. 55,
DOCDATE 3/8/1990	OSWER/EPA ID	DOCNUMBER C496
TITLE DISPOSAL OF	POLYCHLORINATED BIP	HENYLS (PCBS); FINAL RULE, FEDERAL REGISTER, VOL. 63, NO. 124
DOCDATE 6/29/1998	OSWER/EPA ID	DOCNUMBER C497
TITLE TOXICOLOGIC	CAL PROFILE FOR CHLOR	INATED DIBENZO-P-DIOXINS, DRAFT FOR PUBLIC COMMENT
DOCDATE 1/1/1997	OSWER/EPA ID	DOCNUMBER C498
TITLE TOXICOLOGIC	CAL PROFILE FOR LEAD, I	DRAFT FOR PUBLIC COMMENT
<b>DOCDATE</b> 8/1/1997	OSWER/EPA ID	DOCNUMBER C499
TITLE MASSACHUSI	ETTS CONTINGENCY PLA	N; CODE OF MASSACHUSETTS REGULATIONS, 310 CMR 40.000
DOCDATE 5/29/1998	OSWER/EPA ID	DOCNUMBER C500
TITLE EXPOSURE F	ACTORS HANDBOOK; FO	OD INGESTION FACTORS, VOLUME II
DOCDATE	OSWER/EPA ID	DOCNUMBER

EPA/600/P-95/002FB

C501

8/1/1997

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

EXPOSURE FACTORS HANDBOOK: ACTIVITY FACTORS, VOLUME III

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

8/1/1997

EPA/600/P-95/002FC

C502

TITLE

NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTIGENCY PLAN; CODE OF FEDERAL REGULATIONS (TITLE 40, PART 300)

DOCDATE 7/1/1998

OSWER/EPA ID

**DOCNUMBER** 

C503

TITLE

APPROACH FOR ADDRESSING DIOXIN IN SOIL AT CERCLA AND RCRA SITES

DOCDATE 4/13/1998

OSWER/EPA ID

DOCNUMBER

OSWER 9200,4-26

C504

TITLE

REUSE AND DISPOSAL OF CONTAMINATED SOIL AT MASS. LANDFILLS, DEPARTMENT OF ENVIRONMENTAL PROTECTION POLIC'

#COMM-97-001 (SUPERSEDES POLICY #BWP-94-037) DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

C506

TITLE

USERS GUIDE FOR THE JOHN AND ETTINGER (1991) MODEL FOR SUBSURFACE VAPOR INTRUSION INTO BUILDINGS, CONTRACT NO.

68-D30035, WORK ASSIGNMENT NO. 111-106

DOCDATE OSWER/EPA ID

9/1/1997

DOCNUMBER C508

INCIDENCE OF ADVERSE BIOLOGICAL EFFECTS WITHIN RANGES OF CHEMICAL CONCENTRATIONS IN MARINE AND ESTUARINE

SEDIMENTS, ENVIRONMENTAL MANAGEMENT, V. 19, 1

**DOCDATE** 

OSWER/EPA ID

DOCNUMBER

1/1/1995

TITLE

FINAL OSWER DIRECTIVE "USE OF MONITORED NATURAL ATTENUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND

UNDERGROUND STORAGE TANK SITES'

DOCDATE 4/21/1999

OSWER/EPA ID OSWER # 9200.4-17P

**DOCNUMBER** C512

C509

INTERIM POLICY ON THE USE OF PERMANENT RELOCATIONS AS PART OF SUPERFUND REMEDIAL ACTIONS

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

OSWER 9355.0-71P

C505

TITLE

TOXICOLOGICAL BENCHMARKS FOR SCREENING POTENTIAL CONTAMINANTS OF CONCERN FOR EFFECTS ON AQUATIC BIOTA: 1996

REVISION, ES/ER/TMN-96/R2

DOCDATE 6/1/1996

OSWER/EPA ID

**DOCNUMBER** 

C513

TITLE

CONDUCTING NON-TIME-CRITICAL REMOVAL ACTIONS UNDER CERCLA. (EPA/540-R-93-057

DOCDATE

OSWER/EPA ID

DOCNHMRER

8/6/1993 OSWER #9360.0-32 C514

TITLE

USE OF MONITORED NATURAL ATTENTUATION AT SUPERFUND, RCRA CORRECTIVE ACTION, AND UNDERGROUND STORAGE TANK SITES

DOCDATE

OSWER/EPA ID

DOCNUMBER

4/21/1999

OSWER #9200.4-17P

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE		
GROUND WAT	TER ISSUE: MICROBIAL	PROCESSES AFFECTING MONITORED NATURAL ATTENUATION OF CONTAMINANTS IN THE
SUBSURFACE		
DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1999	EPA/540/S-99/001	C516
TITLE ANALYSIS OF	GROUND-WATER REMI	EDIAL ALTERNATIVES AT A SUPERFUND SITE, GROUNDWATER, VOL. 29, NO. 6
DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/1991		C517

TITLE
USE OF NON-TIME-CRITICAL REMOVAL AUTHORITY IN SUPERFUND RESPONSE ACTIONS, (REGIONS I-X)

**DOCNUMBER** 

C518

TITLE

NATIONAL PRIMARY DRINKING WATER REGULATIONS: ARSENIC AND CLARIFICATIONS TO COMPLIANCE AND NEW SOURCE CONTAMINANTS MONITORING. (CFR, VOL. 65, NO. 121)

DOCDATE OSWER/EPA ID DOCNUMBER

6/22/2000 C519

TITLE
PROPOSED REVISION TO ARSENIC DRINKING WATER STANDARD (815-F-00-012)

 DOCDATE
 OSWER/EPA ID
 DOCNUMBER

 5/1/2000
 C520

TITLE

OSWER/EPA ID

DOCDATE

2/14/2000

IMPLEMENTING FY2000 APPROPRIATIONS REPORT LANGUAGE ON SEDIMENT DREDGING

DOCDATE OSWER/EPA ID DOCNUMBER
1/19/2000 C521

TITLE

GUIDANCE ON EXERCISING CERCLA ENFORCEMENT DISCRETION IN ANTICIPATION OF FULL COST ACCOUNTING CONSISTENT WITH THE STATEMENT OF FEDERAL FINANCIAL ACCOUNTING STANDARDS NO. 4

DOCDATE OSWERÆPA ID DOCNUMBER

5/26/2000 C522

TITLE
SUPERFUND INDIRECT COST RATES FOR FISCAL YEARS (FY) 1990 - 2001

DOCDATE OSWER/EPA ID DOCNUMBER
C523
TITLE

REVISED ALTERNATIVE CAP DESIGN GUIDANCE PROPOSED FOR UNLINED HAZARDOUS WASTE LANDFILLS IN THE EPA REGION I

DOCDATE OSWER/EPA ID DOCNUMBER

DOCDATE OSWER/EPA ID DOCNUMBER
2/5/2001 C524

TITLE

GUIDE TO PREPARING SUPERFUND PROPOSED PLANS RECORDS OF DECISION AND OTHER REMEDY SELECTION DECISION DOCUMENT:

DOCDATE OSWER/EPA ID DOCNUMBER

7/1/1999 OSWER #9200.1-23P C525

TITLE
ABANDONED MINE SITE CHARACTERIAZTION & CLEANUP HANDBOOK (available on cd-rom)

DOCDATE OSWER/EPA ID DOCNUMBER 8/1/2000 EPA 910-B-00-001 C526

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

INTRODUCTION TO HARD ROCK MINING: A CD-ROM APPLICATION (available on cd-rom)

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1997

EPA 530-C-97-005

C527

TITLE

MINING WASTE SCIENTIST TO SCIENTIST MEETING (available on cd-rom)

**DOCDATE** 

OSWER/EPA ID

**DOCNUMBER** 

6/15/2000

C528

TITLE

FISCAL YEAR 2001 APPROPRIATIONS CONFERENCE REPORT LANGUAGE ON CONTAMINATED SEDIMENTS

DOCDATE

OSWER/EPA ID

DOCNUMBER

3/22/2001

OSWER #9200.0-36

C529

TITLE

RISK ASSESSMENT GUIDANCE FOR SUPERFUND, VOLUME 1, HUMAN HEALTH EVALUATION MANUAL, INTERIN

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1998

C530

TITLE

INSTITUTIONAL CONTROL: A SITE MANAGER'S GUIDE TO IDENTIFYING, EVALUATING AND SELECTING INSTITUTIONAL CONTROLS AT SUPERFUND AND RCRA CORRECTIVE ACTION CLEANUPS.

DOCDATE

OSWER/EPA ID

DOCNUMBER C531

9/1/2000

TITLE GUIDANCE FOR EVALUATING THE TECHNICAL IMPRACTICABILITY OF GROUND-WATER RESTORATION.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1993

540-R-93-080

C532

TITLE

RECOMMENDATIONS OF THE TECHNICAL REVIEW WORK GROUP FOR LEAD FOR AN INTERIM APPROACH

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1996

TITLE

FIELD APPLICATIONS OF IN SITU REMEDIATION TECHNOLOGIES: CHEMICAL OXIDATION.

DOCDATE

OSWER/EPA ID

DOCNUMBER

9/1/1998 EPA 542-R-98-008 C533

TITLE

Dioxin and Dioxin-Like Compounds in Soil, Part 1; ATSDR Interim Policy Guideline.

DOCDATE

OSWER/EPA ID

DOCNUMBER

1/1/1997

C534

TOXIC EQUIVALENCY FACTORS (TEFs) FOR PCBs, PCDDs, PSDFs FOR HUMANS AND WILDLIFE

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

12/1/1998

C535

WITHORAWAL OF CYANIDE AND SULFIDE REACTIVITY GUIDANCE.

DOCDATE

OSWER/EPA ID

**DOCNUMBER** 

4/21/1992

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

ELEMENTS FOR EFFECTIVE MANAGEMENT OF OPERATING PUMP AND TREAT SYSTEMS

DOCDATE

OSWER/EPA ID

DOCNUMBER

OSWER 9355.4-27FS-A C537

TITLE

TRANSFER OF LONG-TERM RESPONSE ACTION (LTRA) PROJECTS TO STATES

DOCDATE

OSWER/EPA ID

DOCNUMBER

7/2/2003

OSWER 9355.0-81FS-A C538

TITLE

COMPREHENSIVE FIVE-YEAR REVIEW GUIDANCE

DOCDATE

OSWER/EPA ID

DOCNUMBER

6/1/2003 OSWE

OSWER 9355,7-038-P C539

Appendix D:	List of Acronyms at	nd Abbreviations

# LIST OF ACRONYMS AND ABBREVIATIONS

Acronym/	
Abbreviation	Definition
ALI	Attleboro Landfill, Inc.
ACO	Administrative Consent Order
AOC	Administrative Order on Consent
ARAR	Applicable or Relevant and Appropriate Requirement
ATSDR	Agency for Toxic Substances and Disease Registry
AWQC	Ambient Water Quality Criteria
BERA	Baseline Environmental Risk Assessment
BTEX	Benzene, toluenc, ethylbenzene and xylene
CAA	Clean Air Act
CAST	Citizens Advisory Shpack Team
CD	Consent Decree
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System Database
CFR	Code of Federal Regulations
cis-1,2-DCE	cis-1,2-Dichloroethene
COC	Contaminant of Concern
COPC	Contaminants of Potential Concern
CWA	Clean Water Act
DCE	1,2-Dichloroethene
DDT	dichloro-diphenyl-trichloroethane
DEQE	Department of Environmental Quality Engineering (now the MADEP)
DNAPL	Dense Non-Aqueous Phase Liquid
DOE	United States Department of Energy
EO	Executive Order
ERA	Environmental Risk Assessment
ERM	Environmental Resources Management, Inc.
ESD	Explanation of Significant Difference
EPA	United States Environmental Protection Agency
EPC	Exposure Point Concentration
FS	Feasibility Study
FUSRAP	Formerly Utilized Sites Remedial Action Program
gpm	gallons per minute
HQ	Hazard Quotient
HRS	Hazard Ranking System
IEUBK	Integrated Exposure and Uptake Biokinetic model

Acronym/ Abbreviation Definition ISC Initial Site Characterization **LDR** RCRA Land Disposal Restrictions LNAPL Light Non-Aqueous Phase Liquid LOAEL Lowest Observed Adverse Effects Level LOED Lowest Observed Effects Dose **LTM** Long Term Monitoring MADEP Massachusetts Department of Environmental Protection **MCL** Maximum Contaminant Level **MCLG** Maximum Contaminant Level Goal **MCP** Massachusetts Contingency Plan M&E Metcalf & Eddy, Inc. **MNA** Monitored Natural Attenuation MTBE methyl-ter butyl ether **NAPL** Non-Aqueous Phase Liquid **NCP** National Contingency Plan ND Not Detected **NHESP** Natural Heritage and Endangered Species Act **NOAEL** No Observed Adverse Effects Level NOED No Observed Effects Dose **NPL** National Priorities List United States Nuclear Regulatory Commission **NRC** O&M Operation and Maintenance **ORNL** Oak Ridge National Laboratory **OSHA** Occupational Safety and Health Administration **OSWER** EPA Office of Solid Waste and Emergency Response OU Operable Unit **PAH** Polycyclic aromatic hydrocarbon **PCB** Polychlorinated biphenyl **PCE** Tetrachloroethene parts per billion ppb ppm parts per million **PRG** Preliminary Remediation Goal PRP Potentially Responsible Party psi

Pounds per square inch
Remedial Action
Resource Conservation and Recovery Act
Remedial Design

RA RCRA

RD

Acronym/ Abbreviation	Definition
RfD	Reference Dose
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RME	Reasonable Maximum Exposure
ROD	Record of Decision
RPM	Remedial Project Manager
SDWA	Safe Drinking Water Act
SC	Source Control
SE	southeast
SLERA	Screening Level Environmental Risk Assessment
SSC	Shpack Steering Committee
SVOC	Semi-Volatile Organic Compound
TBCs	To Be Considered
TCE	Trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
1,1,1-TCA	1,1,1-Trichloroethane
TEL	Threshold Effects Level
TEQ	Toxicity Equivalent
trans-1,2-DCE	trans-1,2-Dichloroethene
TRV	Toxicity Reference Value
TSCA	Toxic Substances Control Act
UCL	Upper Confidence Limit
USACE	United States Army Corps of Engineers
VOC	Volatile Organic Compound
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
VLDPE	Very Low Density Polyethylene